

January 8, 2015

Mr. Tim Hull
Ohio Environmental Protection Agency
401 East Fifth Street
Dayton, Ohio 45402-2911

RE: Detection Monitoring Program
2014 Second Semiannual Ground-Water Quality and Statistical Analysis Results
CECOS International, Inc. - Aber Road Facility
Williamsburg, Ohio
EPA I.D. No. OHD 087 433 744

Dear Mr. Hull:

Transmitted herewith is the report: "Detection Monitoring Program, 2014 Second Semiannual Ground-Water Quality and Statistical Analysis Results, CECOS International, Inc. - Aber Road Facility" (Eagon & Associates, Inc.; January 2015). The report includes the results of October 2014 sampling and statistical analysis of those results, where applicable. The routine 2014 second semiannual sampling activities were conducted on October 13-15, 2014. A resampling event necessitated by a sample holding time issue at the laboratory was completed on December 18, 2014.

CECOS is presently performing ground-water detection monitoring activities in accordance with the Resource Conservation & Recovery Act (RCRA) for six closed regulated units at the Aber Road facility: Secure Chemical Management Facility 6 (SCMF 6), SCMF 7, SCMF 8, SCMF 9, SCMF 10, and Fire Pond 4/5. Ground-water monitoring activities for the facility's Detection Monitoring Program (DMP) are performed in accordance with the facility's approved Post-Closure Plan (October 2012) and OAC Rules 3745-54-90 through 54-101.

The attached 2014 second semiannual report includes a summary of the October 2014 semiannual sampling event, December 2014 resampling event, analytical results, laboratory quality assurance and quality control information, chain-of-custody records, field information forms, field-meter calibration records, and the statistical analysis results. Also presented in the report is an evaluation of ground-water flow conditions in each of the four monitoring horizons during the October event, including potentiometric surface maps and a calculation of the ground-water flow rate for each zone.

Laboratory analytical results are presented on CD-ROM in Appendix A of the report. Hardcopies of the laboratory results are available upon request.

The 2014 second semiannual event constitutes the fifth routine semiannual detection monitoring event completed since implementation of the October 2012 revision to the facility's Post-Closure Plan. All DMP



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wells were sampled and statistically evaluated for volatile organic compounds (VOCs). All wells also were sampled for the eight dissolved RCRA metals arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver, which are included in the statistical analysis program for the Channel Sand and BTI zones. The results for the eight RCRA metals from Upper Sand and 880 Sand wells are qualitatively reviewed for general water-quality characterization during each semiannual DMP event.

In accordance with the October 2012 Post-Closure Plan and its September 2014 revision, the determination of whether statistically significant evidence of contamination exists at the Aber Road Facility is being submitted within 90 days from the October 15, 2014 completion of the 2014 first semiannual sampling event; i.e., by January 13, 2015. There were no statistically significant concentrations identified for any indicator constituent in any monitoring well during the event.

The October 2014 dissolved metals results for the Upper Sand and 880 Sand wells were reviewed and displayed similar characteristics to historical concentrations observed at each well or in each zone, where present. In addition, there were no VOC detections in the Upper Sand or 880 Sand during the event; therefore, there is no basis for additional evaluation of those zones at this time.

In accordance with US EPA requirements for the facility, the October 2014 event included sampling all DMP wells for Toxic Substances Control Act parameters total organic carbon and polychlorinated biphenyls (PCBs). Those results are presented in the laboratory analytical report included in Appendix A of the attached report. No PCBs were detected in any well during the event.

Please call me at (513) 724-6114 if you have any questions regarding this submittal.

Sincerely,
CECOS International, Inc.



Daniel Deborde
Environmental Manager

Attachments: Detection Monitoring Program, 2014 Second Semiannual Ground-Water Quality and Statistical Analysis Results, CECOS International, Inc. - Aber Road Facility

cc: Steve Johnson, US EPA Region 5 (w/attachment)
Brian Freeman, US EPA Region 5 (w/attachment)
Steve Rabolt, Clermont County Administrator (e-copy)
Joe Montello, Republic Services, Inc. (e-copy)
Michael Gibson, Eagon & Associates, Inc. (w/o attachment)
File: B.3



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**DETECTION MONITORING PROGRAM
2014 SECOND SEMIANNUAL
GROUND-WATER QUALITY AND
STATISTICAL ANALYSIS RESULTS**

**CECOS INTERNATIONAL, INC.
ABER ROAD FACILITY
WILLIAMSBURG, OHIO**

EPA ID # OHD-087-433-744

Prepared for:

CECOS INTERNATIONAL, INC.

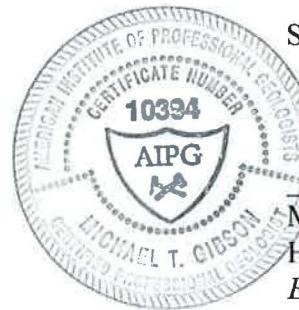
Prepared by:

EAGON & ASSOCIATES, INC.
Worthington, Ohio

January 2015

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I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.



Submitted by:

Michael T. Gibson, CPG
Hydrogeologist
Eagon & Associates, Inc.

A handwritten signature in blue ink, appearing to read "Michael T. Gibson".

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**DETECTION MONITORING PROGRAM
2014 SECOND SEMIANNUAL
GROUND-WATER QUALITY AND
STATISTICAL ANALYSIS RESULTS**
CECOS INTERNATIONAL, INC. – ABER ROAD FACILITY

1.0 INTRODUCTION

This report presents the 2014 second semiannual Detection Monitoring Program (DMP) ground-water sampling results for CECOS International Inc.'s (CECOS) Aber Road facility in Williamsburg, Ohio (Figure 1). The report has been prepared by Eagon & Associates, Inc. (Eagon) on behalf of the facility. The 2014 second semiannual DMP ground-water sampling event was completed on October 13 through 15, 2014. A resampling event was completed for monitoring well MP-408 on December 18, 2014. The resampling event was necessitated by a sample holding time exceedance at the laboratory.

CECOS is presently performing ground-water detection monitoring activities in accordance with the Resource Conservation & Recovery Act (RCRA) for six closed regulated units at the Aber Road facility: Secure Chemical Management Facility 6 (SCMF 6), SCMF 7, SCMF 8, SCMF 9, SCMF 10 and Fire Pond 4/5 (Figure 1). Although the regulated units were closed under the Interim Status hazardous waste regulations, ground-water monitoring activities are performed in accordance with Ohio EPA's more comprehensive permitted status regulations; i.e., OAC Rules 3745-54-90 through 54-100. The 2014 second semiannual DMP sampling event was performed in accordance with the facility's Ohio EPA-approved Post-Closure Plan (October 2012). A September 2014 revision to the Post-Closure Plan was approved by Ohio EPA on October 31, 2014, following the sampling event. The September 2014 plan included updates to the statistical analysis program for the DMP and was used to evaluate the October 2014 results.

Included herein is a summary of the October 2014 semiannual sampling event, analytical results, laboratory quality assurance and quality control (QA/QC) information, chain-of-custody

records, field information forms, field-meter calibration records, and the statistical analysis results. No statistically significant concentrations of any constituent were observed for the event.

1.1 Status of the Ground-Water Monitoring Program

Four hydrostratigraphic zones are monitored as part of the DMP. In descending order, included are the Upper Sand, the 880 Sand, the Channel Sand, and the Bedrock-Till Interface (BTI). Only the BTI is present in all areas (Figures 2 through 5).

The DMP ground-water monitoring network consists of 45 monitoring wells:

1. One background and eight point-of-compliance monitoring wells completed in the Upper Sand zone;
2. One background and 15 point-of-compliance wells in the 880 Sand zone;
3. One background and two point-of-compliance wells in the Channel Sand zone; and
4. One background and 16 point-of-compliance wells in the BTI zone.

In addition, site-wide water levels are measured semiannually in piezometers completed in each of the four monitoring zones. Figures 2 through 5 show the monitoring well and piezometer locations for each monitoring horizon, respectively.

The indicator constituents for the Upper Sand and 880 Sand zones consist of the 62 U.S. EPA SW-846 Methods 8260 and 8011 volatile organic compounds (VOCs) listed on Table 11 of the facility's October 2012 Post-Closure Plan. The indicator constituents for the Channel Sand and BTI zones are the VOCs evaluated for the Upper Sand and 880 Sand, plus the dissolved RCRA metals arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver. Confirmed detection of a VOC at or above its practical quantitation limit (PQL) is considered to be an indication that the facility may be affecting ground-water quality downgradient of a regulated unit. It is not necessary to establish background for the VOCs; therefore, all point-of-compliance wells in each of the four monitoring horizons are presently evaluated for compliance for VOCs during each event.

For the Channel Sand and BTI zones, statistical analysis is performed for the dissolved RCRA metals at the point-of-compliance wells. The October 2014 semiannual sampling event is the first event completed since sufficient background observations were available for all eight RCRA metals included on the indicator parameter list for the point-of-compliance wells in the Channel Sand and BTI zones. The September 2014 updates to the statistical analysis plan (Section 11 of the Post-Closure Plan) included statistical background observations collected through July 2014 in accordance with the October 2012 version of the Post-Closure Plan.

In addition to the post-closure ground-water monitoring activities, the DMP monitoring wells also are sampled for Toxic Substances Control Act (TSCA) parameters and those analytical results are also presented herein. The TSCA parameters analyzed in addition to the DMP parameters are polychlorinated biphenyls (PCBs) and total organic carbon (TOC). TOC is naturally occurring and is regularly detected in most wells. No PCBs were detected in any sample collected during the October 2014 event.

2.0 EVENT SUMMARY

2.1 Field Activities

Ground-water sampling activities conducted during the 2014 second semiannual sampling event were performed by Eagon & Associates, Inc. Site-wide water levels were measured on October 13, 2014. Quality assurance/quality control (QA/QC) samples collected during the event included three duplicate samples, one field-blank sample, one matrix spike sample, and one matrix spike duplicate sample. The QA/QC samples were analyzed for all of the parameters included in the event. A trip blank sample was analyzed for VOCs.

Monitoring wells were purged using low-flow sampling protocols or were purged to dryness prior to sample collection following methods described in the Post-Closure Plan. Monitoring wells were sampled immediately following purging in low-flow wells and were sampled when adequate recharge had occurred in wells that were purged dry.

Field measurements of depth to water, pH, temperature, specific conductance, turbidity, dissolved oxygen (DO), and oxidation-reduction potential (ORP) were measured and recorded at each well. Depth to water, pH, temperature, and specific conductance also were used to monitor stabilization during purging for the purpose of determining when adequate purging had occurred in low-flow wells prior to sample collection. Field water-quality meters were calibrated and/or checked each day prior to sampling and the results of each calibration check are recorded on the field meter calibration forms, which are included in Appendix A.

Sample water for dissolved metals analysis was field filtered through inline 0.45-micron filters attached directly to the pump discharge tubing at each well.

A routine well inspection was completed at the time water levels were collected during the October 2014 event. One well, MP-239B, was observed to have a large crack in the concrete pad. The pad is scheduled to be repaired or replaced prior to the next semiannual sampling event (April 2015). The results of complete well integrity inspections performed at each well are presented on inspection reports on file at the facility. No other well integrity issues were observed during the event.

The field information forms and laboratory analytical data report for the semiannual sampling event are included in Appendix A. Water levels, purge information, sample observations, and field parameters measured during the event are included on the field information forms.

2.2 Water Levels and Ground-Water Flow

Ground-water flow conditions have been characterized for the 2014 second semiannual event using the October 13, 2014 water-level elevations measured in all monitoring wells and piezometers. All water levels were measured prior to purging any well and are summarized for the Upper Sand, 880 Sand, Channel Sand and BTI on Tables 1A through 1D, respectively.

Figure 2 shows the contoured water-level elevations and ground-water flow conditions observed across the site within the Upper Sand at the time of the October 2014 sampling event. The Upper Sand is not present beneath the regulated units where it was excavated during construction, nor is it present in other areas of the facility located outside of its natural areal extent shown on Figure 2. Water levels and flow orientations in the Upper Sand during the event were consistent with previous observations, with ground-water flow generally toward the south in the vicinity of the regulated units.

The ground-water flow velocity in the Upper Sand at the time of the October 2014 sampling event has been calculated using the following formula:

$$\bar{v} = \frac{Ki}{n}$$

where: \bar{v} = average linear flow velocity in feet per day (ft/d)

K = hydraulic conductivity (ft/d)

i = hydraulic gradient (dimensionless)

n = effective porosity (percent)

Assuming: $K = 5.0 \times 10^{-3}$ centimeters per second (cm/s), or 14 ft/d, based on the 1989 RCRA Facility Investigation (RFI); $i = 2.5 \times 10^{-2}$ in October 2014; and $n = 25\%$; the calculated average linear ground-water flow velocity in the Upper Sand in the vicinity of the regulated units was approximately 1.4 ft/d during the event.

Figure 3 shows the contoured water-level elevations and ground-water flow conditions observed across the site within the 880 Sand at the time of the October 2014 event. As noted above for the Upper Sand, the 880 Sand is not present where excavated beneath the regulated units and has limited natural areal extent outside of the units. Water levels and flow orientations in the 880 Sand during the event were consistent with previous observations. The ground-water flow direction in the vicinity of the regulated units was generally toward the south, with slight southeastward and southwestward variations in some areas (Figure 3).

Assuming: $K = 1.0 \times 10^{-2}$ cm/s (28.3 ft/d) (RFI); $i = 1.8 \times 10^{-2}$ in October 2014; and $n = 25\%$; the calculated average linear ground-water flow velocity in the 880 Sand in the vicinity of the regulated units was approximately 2.0 ft/d during the event.

Figure 4 shows the contoured water-level elevations and ground-water flow conditions within the Channel Sand at the time of the sampling event. Water levels and flow orientations were generally consistent with previous observations. The ground-water flow direction in the Channel Sand zone follows the discrete nature of the unit and showed an eastward component of flow in the western half of the facility and a south-southeastward component of flow in the vicinity of Cell 11 during the event.

Assuming: $K = 1.0 \times 10^{-1}$ cm/s (283 ft/d) (RFI); $i = 3.6 \times 10^{-4}$ in October 2014; and $n = 25\%$; the calculated average linear ground-water flow velocity in the Channel Sand in the vicinity of the regulated units was approximately 0.4 ft/d during the event.

Figure 5 shows the contoured water-level elevations and ground-water flow conditions observed across the site within the Bedrock-Till Interface (BTI) at the time of the October 2014 event. October 2014 water levels and flow orientations were generally consistent with previous observations. The ground-water flow direction in the BTI varied across the site as shown on Figure 5 and is characterized as southwesterly in the western part of the site, southerly in the central area, and southeasterly in the eastern part of the site.

Assuming: $K = 5.0 \times 10^{-5}$ cm/s (0.14 ft/d) (RFI); $i = 6.6 \times 10^{-3}$ in October 2014; and $n = 20\%$; the calculated average linear ground-water flow velocity in the BTI in the vicinity of the regulated units was approximately 4.6×10^{-3} ft/d during the event.

The general flow directions for each of the four units discussed above are consistent with past events. The adequacy of well placement in the ground-water monitoring network has been evaluated using the October 2014 ground-water flow conditions and the requirements of OAC Rule 3745-54-97(A). Based upon that review, the ground-water monitoring network for the Detection Monitoring Program at the Aber Road facility continues to consist of a sufficient number of appropriately placed monitoring wells to detect statistically significant concentrations of hazardous constituents downgradient of the regulated units.

2.3 Sample Analyses and Quality Assurance

The analytical results for all inorganic parameters at each well in the Upper Sand, 880 Sand, Channel Sand, and Bedrock-Till Interface are summarized on Tables 2, 3, 4, and 5, respectively. Table 6 summarizes the field-bias blank results (i.e., field blank and trip blank) and laboratory method blank results from the event. The analytical methods, PQLs (identified as "RL" in the laboratory reports), and method detection limits (MDLs) are shown on the laboratory analytical report included on CD-ROM in Appendix A. All laboratory analyses of ground-water samples were performed by TestAmerica Laboratories (TAL) in Amherst, New York. All field analyses were performed by Eagon & Associates, Inc. personnel. All field and laboratory analytical results from the monitoring wells for October 2014 will be entered into the facility's annual reporting electronic database.

Duplicate samples were collected from monitoring wells MP-228AR, MP-401B, and MP-274A. The duplicate results are in close agreement with their associated monitoring well sample results. Relative percent differences (RPD) for constituents detected in all of the original and

duplicate samples are shown next to their respective original well sample results on Table 3 and were below five percent for all analytes.

A field blank sample (Field Blank – DMP) also was collected for QA/QC purposes and was prepared using laboratory supplied, reagent-grade deionized water. The field blank was analyzed for all parameters included in the monitoring event. No constituents analyzed were detected in the field blank at or above their respective PQLs.

A trip blank prepared by the laboratory was analyzed for VOCs. No VOCs were detected at or above their respective PQLs in the trip blank.

Laboratory QA/QC was evaluated internally by laboratory personnel and a summary narrative of that evaluation is included in Appendix A. No significant QA/QC issues were noted by the laboratory, with the exception of a holding time exceedance discussed below and a sample labeling discrepancy that was reconciled via a chain-of-custody cross-check. The holding time exceedance necessitated a resample, as described below. No other corrective action was deemed necessary for any of the samples analyzed for the event and the data are considered representative.

In an effort to address foaming observed in the VOC sample for MP-408 during the 2014 first semiannual sampling, both preserved and unpreserved VOC samples were collected from the well in October. Foaming was again observed by the laboratory in the preserved sample at the time of analysis, which led to the laboratory implementing a five-time dilution prior to analysis and elevated detection limits. Foaming was not observed in the unpreserved sample; however, the laboratory inadvertently failed to analyze the unpreserved sample within the shorter, required seven-day holding time for unpreserved VOC analyses. Therefore, the well was resampled for VOCs (unpreserved) on December 18, 2014 and those results are also included in Appendix A. As discussed in the report for the 2014 first semiannual sampling event, the water from well MP-408 has been observed to effervesce during purging; indicating the presence of naturally occurring dissolved gas in the sample. MP-408 is the deepest monitoring well at the facility and has the tallest water column; therefore, the presence of naturally occurring dissolved gases in ground water is not unexpected for such wells

screened across Ordovician limestones and shales. It is anticipated that only unpreserved VOC samples will be collected from MP-408 during future sampling events. Meeting the shorter hold has been re-emphasized to the laboratory.

3.0 STATISTICAL ANALYSIS

Statistical analysis of the October 2014 semiannual DMP monitoring results was completed in accordance with the statistical program detailed in Section 11 (Groundwater Statistical Analysis Plan) of the Post-Closure Plan (September 2014). The October 2014 results for the eight dissolved RCRA metals arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver were statistically evaluated for the two point-of-compliance (POC) Channel Sand monitoring wells (MP-281C and MP-406C) and the 16 POC BTI monitoring wells (MP-233R, MP-234R, MP-235R, MP-237, MP-238R, MP-241R, MP-244R, MP-250, MP-274, MP-279, MP-280 and MP-281, MP-404, MP-407, MP-408, and MP-409). In addition, statistical analysis of the results for the 62 indicator VOCs has been performed for all downgradient monitoring wells in all four monitoring horizons.

Statistical analysis was performed via the comparison of the October 2014 results to intrawell prediction limits calculated for the dissolved indicator metals using the *Sanitas* statistical software package. The VOC results were compared to their respective PQLs.

3.1 Background Data

The intrawell statistical methods used to evaluate the downgradient ground-water detection monitoring results at the Aber Road facility involve comparisons between monitoring data collected during a "background" period to future sampling results from the same well to determine if the results are statistically significant. Current summary background statistics computed for each downgradient well are presented in Appendix B.

3.2 Statistical Analysis of October 2014 Dissolved Metals Results

The results of the statistical analyses for the dissolved metals arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver are presented in Appendix B. No statistically significant concentrations were identified for the October 2014 event.

As with past events, arsenic and barium were detected at most wells. Cadmium, chromium, lead, mercury, selenium, and silver were not detected above their PQLs at any Channel Sand or BTI monitoring well during the event. Arsenic and barium are naturally occurring in the Channel Sand and BTI saturated zones underlying the site.

3.3 Statistical Analysis of VOCs

In accordance with the statistical analysis plan, a statistically significant result for any one of the 62 VOCs on the DMP indicator parameter list is defined as a confirmed detection at or above the constituent's PQL at the point-of-compliance. Thus, if a VOC is detected at or above its PQL in a sample collected during a routine sampling event, and a resample and reanalysis is conducted and the VOC also is detected at or above its PQL in the resample, then the VOC result reported during the routine event is considered statistically significant.

The results of the comparisons of the VOC results to their respective PQLs at the downgradient monitoring wells are summarized on Tables 2 through 5. An “ND” result on the tables indicates that all 62 VOCs analyzed were not detected at or above their respective PQLs for that well. There were no VOCs detected at or above their respective PQLs at any monitoring well during the October 2014 event.

4.0 EVALUATION OF DISSOLVED METALS RESULTS FROM THE UPPER SAND AND 880 SAND

Semiannual dissolved metals results from the Upper Sand and 880 Sand monitoring networks are not statistically evaluated; however, those results are reviewed qualitatively for reference purposes. For the October 2014 event, time-series plots were generated for the eight dissolved metals routinely sampled in the Upper Sand and 880 Sand zones and are presented in Appendix C (Upper Sand) and Appendix D (880 Sand). Included are plots for arsenic, barium, cadmium, chromium, lead, mercury, selenium, and silver. Dissolved arsenic and chromium results are available for wells included in the monitoring program since as far back as 1997, whereas dissolved barium, cadmium, lead, mercury, selenium, and silver only have been routinely analyzed since October 2012.

As shown on the time-series plots, the October 2014 metals results were generally within the range or expected trend of previously observed concentrations in both the Upper Sand and 880 Sand. The arsenic results from 880 Sand well MP-233AR (12 ug/L) and Upper Sand well MP-244ARR (12 ug/L) were slightly higher than the historical range for arsenic at these wells but the results remained within the range of concentrations routinely observed for each zone. No results were substantially divergent from historical results; however, there were multiple detections of dissolved arsenic and barium that were at or near their lowest detected concentrations observed to date. Naturally occurring arsenic and barium are routinely detected in the majority of Upper Sand and 880 Sand wells (Appendices C and D).

There were no detections of any other metals at or above their respective PQLs in the 880 Sand or Upper Sand monitoring wells during the event.

Based on the review of the October 2014 sampling results, no additional evaluation of the Upper Sand and 880 Sand monitoring zones is warranted at this time.

5.0 SUMMARY

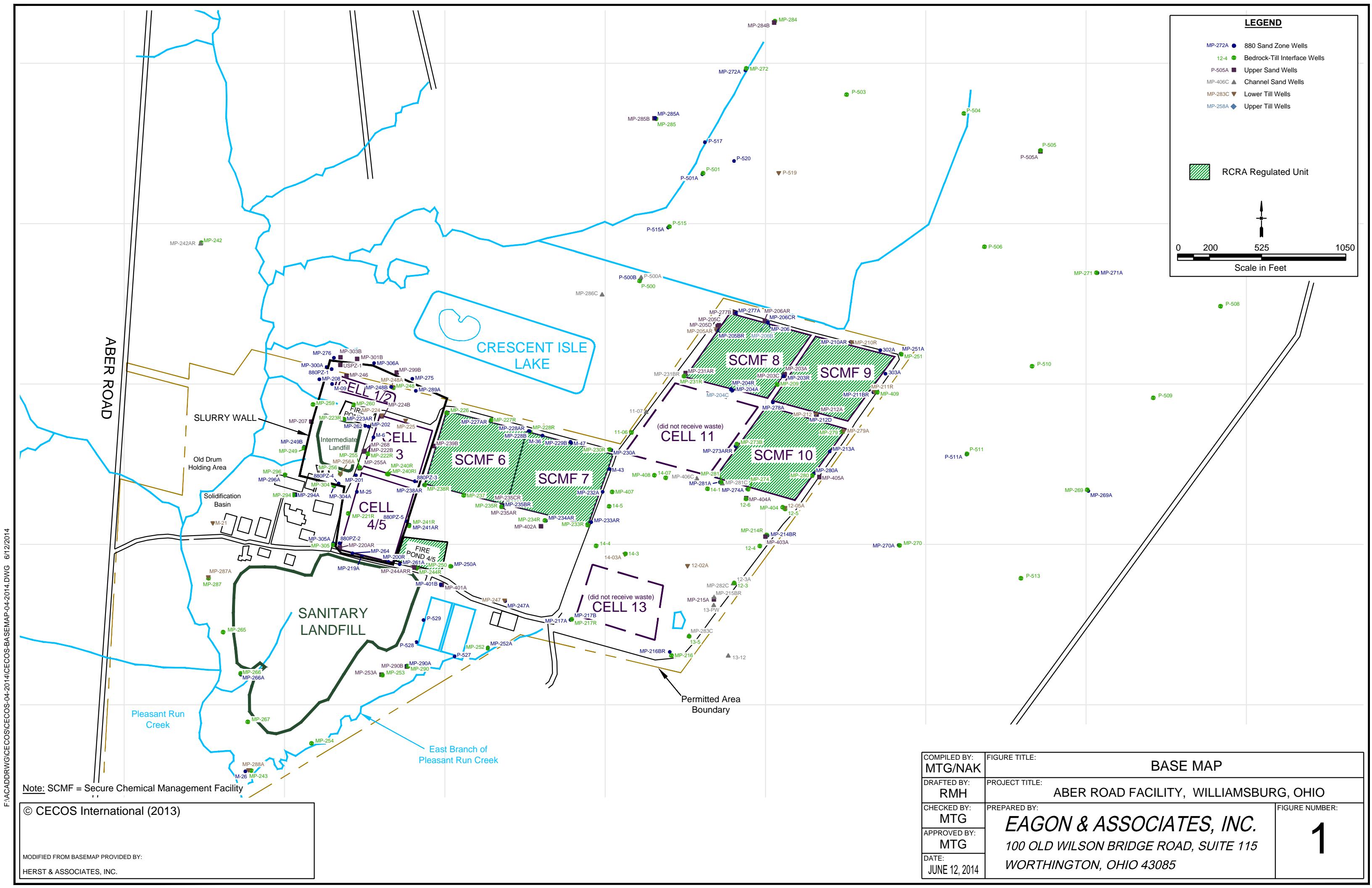
The 2014 second semiannual DMP ground-water quality sampling results indicate that no confirmed statistically significant concentrations of the indicator constituents were present at any well downgradient of the regulated units at the Aber Road facility during the event.

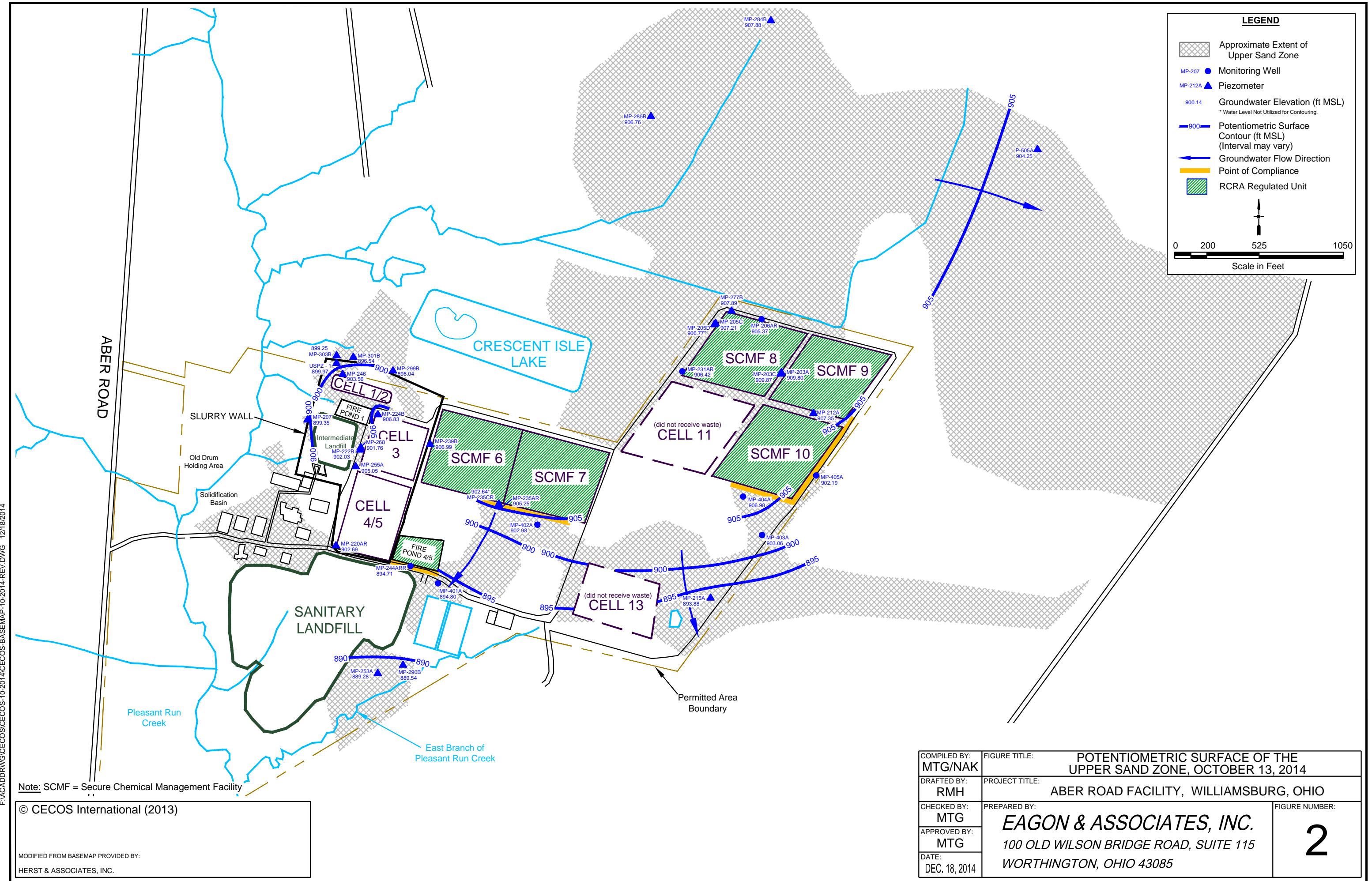
October 2014 sampling results for TOC and PCBs for all 45 DMP monitoring wells are presented herein in Appendix A. TOC and PCBs are analyzed during routine DMP sampling events in accordance with the facility's TSCA monitoring requirements. No PCBs were detected in any DMP monitoring well during the event.

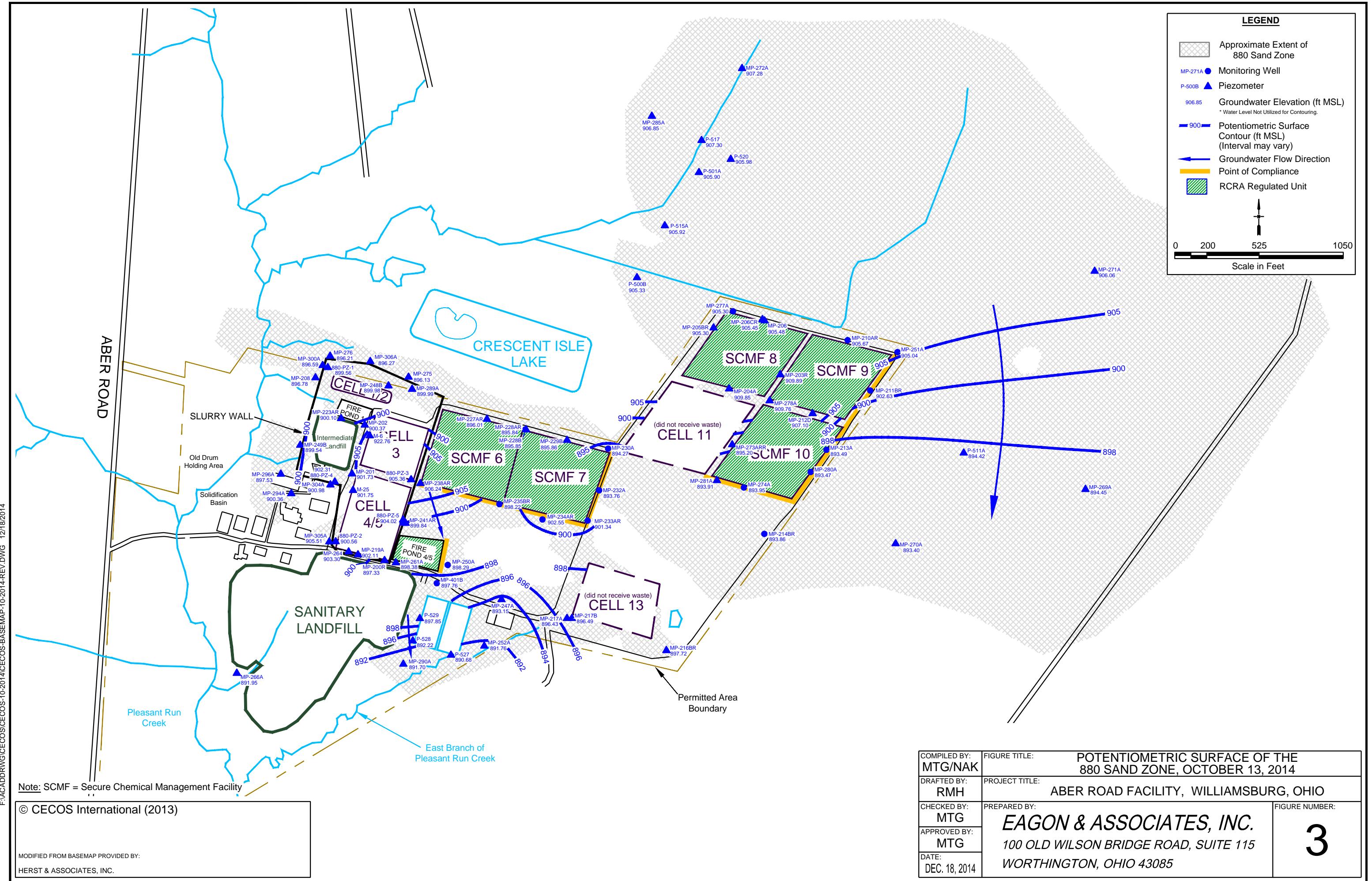
One monitoring well integrity issue, a cracked concrete pad at well MP-239B, was observed during the event. The pad will be repaired or replaced prior to the next semiannual sampling event.

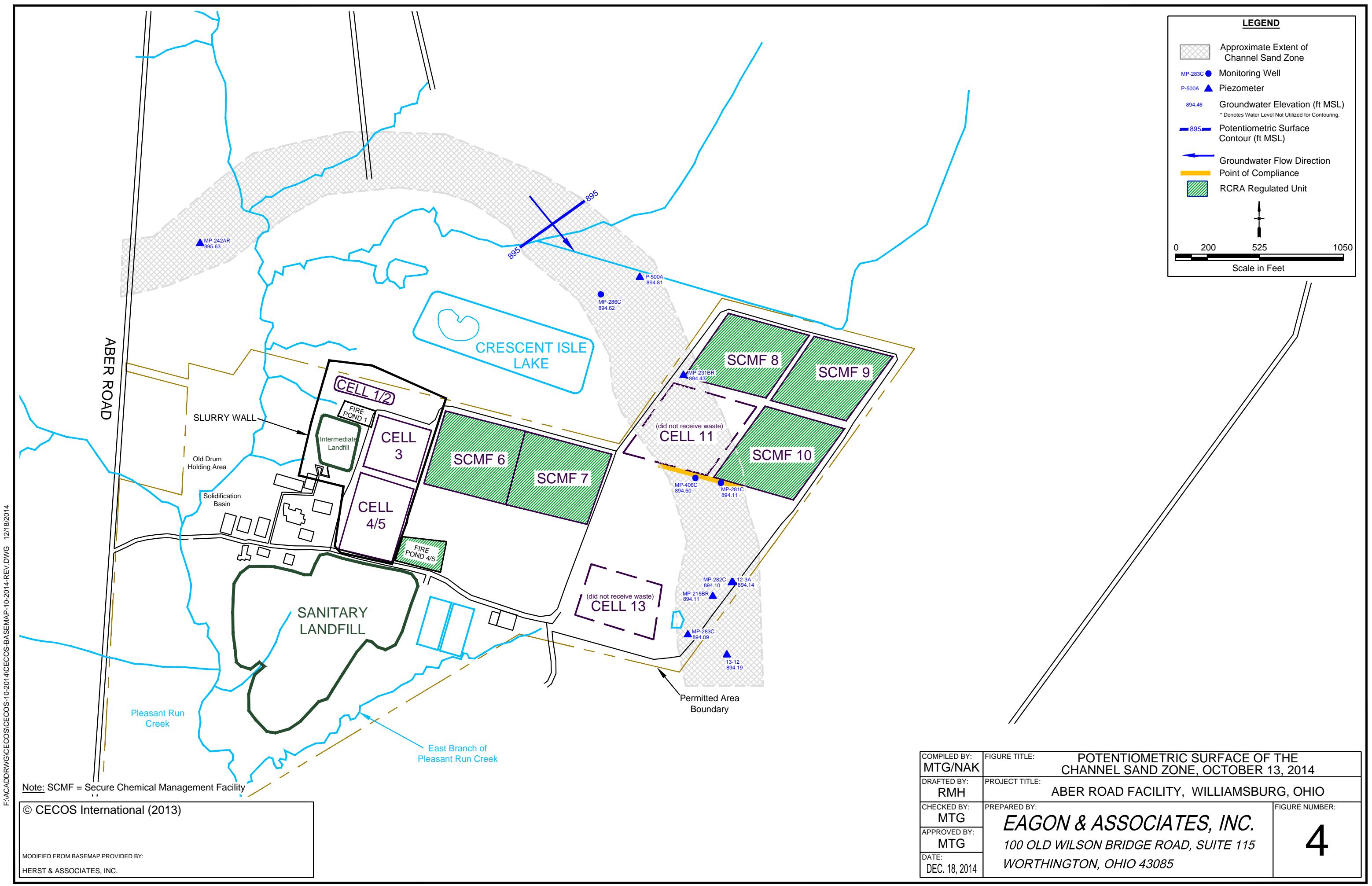
The next routine semiannual DMP ground-water sampling event is tentatively scheduled for April 2015.

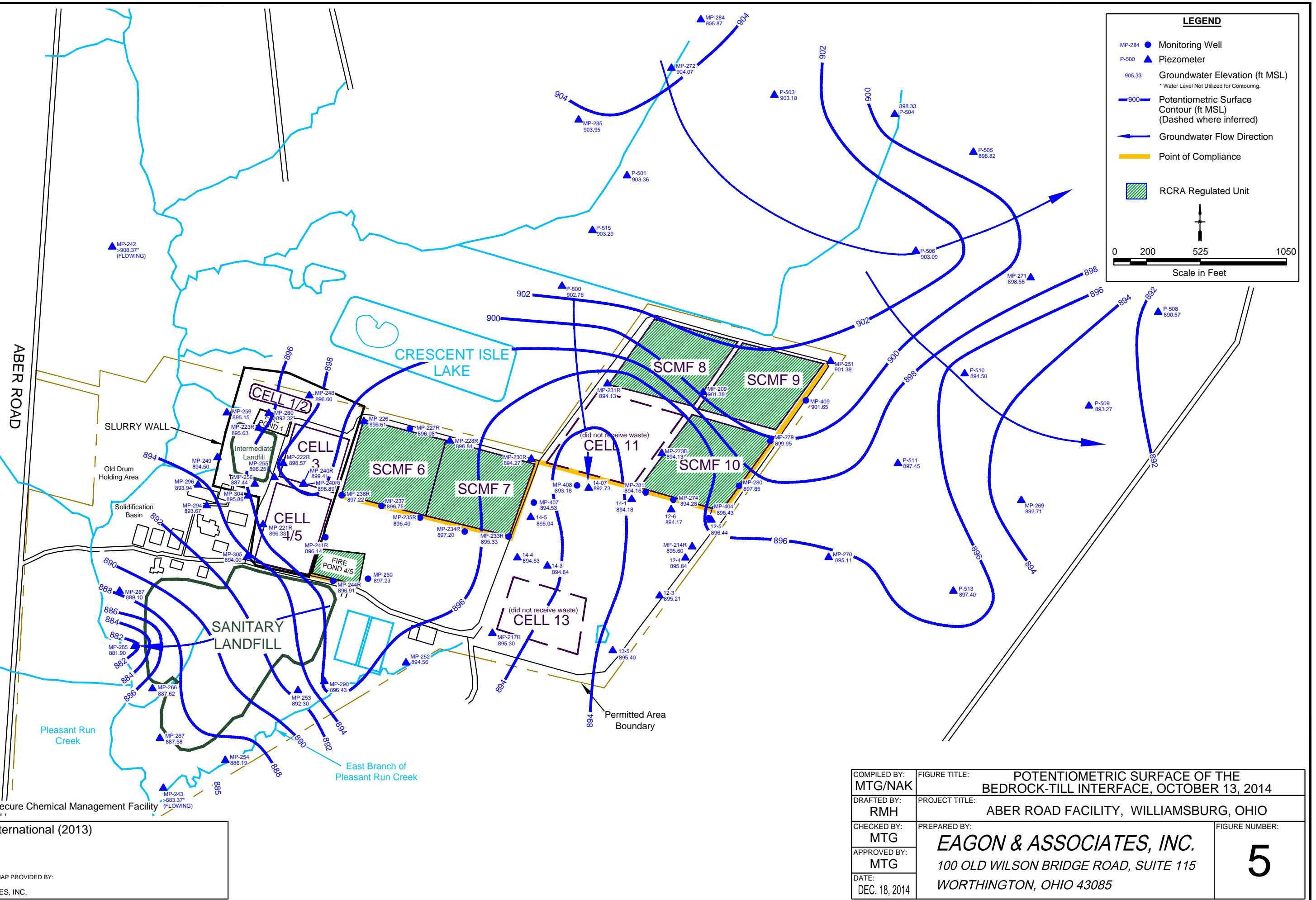
FIGURES











TABLES

TABLE 1A.
MEASURED WATER LEVELS IN THE UPPER SAND ZONE
OCTOBER 13, 2014
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Ground-Water Elevation (ft, MSL)	Notes
MP-203A	PZ	928.74	1117	18.94	909.80	
MP-203C	PZ	927.60	1115	17.73	909.87	
MP-205C	PZ	915.36	1047	8.15	907.21	
MP-205D	PZ	915.73	1129	8.96	906.77	
MP-206AR	MW	916.73	1028	11.36	905.37	
MP-207	PZ	906.54	914	7.19	899.35	
MP-212A	PZ	913.30	1001	5.95	907.35	
MP-215A	PZ	909.11	904	15.23	893.88	
MP-220AR	PZ	910.10	1140	7.41	902.69	
MP-222B	PZ	910.09	1106	8.06	902.03	Lowered TOC (0.38') 10/14
MP-224B	PZ	913.83	1051	7.00	906.83	
MP-231AR	MW	915.73	1059	9.31	906.42	
MP-235AR	PZ	913.53	1019	8.28	905.25	
MP-235CR	MW	914.66	1022	12.02	902.64	
MP-239B	PZ	915.58	1059	8.59	906.99	
MP-244ARR	MW	909.82	1125	15.11	894.71	
MP-246	PZ	908.59	952	5.03	903.56	
MP-253A	PZ	900.34	915	11.06	889.28	
MP-255A	PZ	910.82	1116	5.77	905.05	
MP-268	PZ	910.12	1107	8.36	901.76	
MP-277B	PZ	915.56	1040	7.67	907.89	
MP-284B	PZ	913.31	1123	5.43	907.88	
MP-285B	PZ	915.27	1117	8.51	906.76	
MP-290B	PZ	898.71	919	9.17	889.54	Resurveyed 7/2004
MP-299B	MW	911.62	1001	13.58	898.04	
MP-301B	PZ	907.90	949	11.36	896.54	Resurveyed 2/2006
MP-303B	PZ	906.24	944	6.99	899.25	
MP-401A	MW	906.37	1120	11.57	894.80	
MP-402A	MW	908.42	1011	5.44	902.98	
MP-403A	MW	912.37	917	9.31	903.06	
MP-404A	MW	915.09	921	8.11	906.98	
MP-405A	MW	911.02	944	8.83	902.19	
P-505A	PZ	915.97	1055	11.72	904.25	
USPZ-1	PZ	908.00	946	8.03	899.97	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1B.
MEASURED WATER LEVELS IN THE 880 SAND ZONE
OCTOBER 13, 2014
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Ground-Water Elevation (ft, MSL)	Notes
880-PZ1	PZ	908.49	937	8.93	899.56	
880-PZ2	PZ	907.11	1141	6.55	900.56	
880-PZ3	PZ	915.45	1035	10.09	905.36	
880-PZ4	PZ	909.45	1127	7.14	902.31	Resurveyed 11/2007
880-PZ5	PZ	914.42	1028	10.40	904.02	
M-06	PZ	932.75	1059	9.99	922.76	
M-25	PZ	913.32	1134	11.57	901.75	Resurveyed 4/2011
MP-200R	PZ	913.79	1135	16.46	897.33	
MP-201	PZ	909.86	1119	8.13	901.73	
MP-202	PZ	911.89	1054	11.52	900.37	
MP-203R	PZ	927.77	1113	17.88	909.89	
MP-204A	PZ	917.16	1102	7.31	909.85	
MP-205BR	PZ	914.62	1044	9.32	905.30	
MP-206	PZ	915.99	1034	10.51	905.48	
MP-206CR	PZ	915.31	1031	9.86	905.45	
MP-208	PZ	907.57	931	10.79	896.78	
MP-210AR	MW	912.83	1021	7.16	905.67	
MP-211BR	MW	911.09	1009	8.46	902.63	
MP-212D	PZ	912.48	1004	5.38	907.10	
MP-213A	MW	912.98	948	19.49	893.49	
MP-214BR	MW	910.29	920	16.43	893.86	
MP-216BR	PZ	911.36	856	13.64	897.72	
MP-217A	PZ	914.14	948	17.71	896.43	
MP-217B	PZ	914.24	946	17.75	896.49	
MP-219A	PZ	912.34	1137	10.23	902.11	
MP-223AR	PZ	910.63	920	10.53	900.10	
MP-227AR	PZ	912.12	1054	16.11	896.01	
MP-228AR	MW	911.64	1046	15.80	895.84	
MP-228B	PZ	911.34	1047	15.49	895.85	
MP-229B	PZ	910.63	1041	14.77	895.86	
MP-230A	MW	908.75	1039	14.48	894.27	Resurveyed 7/2004
MP-232A	MW	909.75	1030	15.99	893.76	
MP-233AR	MW	907.44	1006	6.10	901.34	
MP-234AR	MW	910.90	1015	8.35	902.55	
MP-235BR	MW	914.50	1023	16.28	898.22	
MP-238AR	PZ	916.36	1032	10.12	906.24	
MP-241AR	PZ	916.39	1026	16.55	899.84	Resurveyed 11/2007
MP-247A	PZ	908.47	1116	15.32	893.15	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1B.
MEASURED WATER LEVELS IN THE 880 SAND ZONE
OCTOBER 13, 2014
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Ground-Water Elevation (ft, MSL)	Notes
MP-248B	MW	909.77	1005	9.79	899.98	
MP-249B	MW	903.68	909	4.14	899.54	
MP-250A	MW	910.24	1128	11.95	898.29	
MP-251A	MW	911.54	1016	6.50	905.04	
MP-252A	PZ	894.88	941	3.12	891.76	
MP-261A	PZ	912.36	1133	13.98	898.38	
MP-264	PZ	909.85	1139	6.55	903.30	
MP-266A	PZ	899.54	901	7.59	891.95	
MP-269A	PZ	912.62	1001	18.17	894.45	
MP-270A	PZ	911.54	934	18.14	893.40	Resurveyed 7/2004
MP-271A	PZ	914.14	1050	8.08	906.06	
MP-272A	PZ	913.37	1120	6.09	907.28	
MP-273ARR	PZ	932.26	1136	37.06	895.20	Surveyed 11/19/2009
MP-274A	MW	912.78	918	18.83	893.95	Resurveyed 7/2004
MP-275	MW	911.89	1011	15.76	896.13	
MP-276	MW	906.81	941	10.60	896.21	
MP-277A	MW	915.24	937	9.94	905.30	
MP-278A	PZ	919.23	1105	9.47	909.76	
MP-280A	MW	912.28	938	18.81	893.47	Resurveyed 7/2004
MP-281A	PZ	913.69	912	19.78	893.91	
MP-285A	PZ	916.14	1115	9.29	906.85	
MP-289A	PZ	913.33	1013	13.34	899.99	
MP-290A	PZ	899.09	926	7.39	891.70	Resurveyed 7/2004
MP-294A	PZ	905.35	856	4.99	900.36	
MP-296A	PZ	902.90	900	5.37	897.53	
MP-300A	PZ	907.33	935	10.74	896.59	
MP-304A	PZ	908.42	1129	7.44	900.98	
MP-305A	PZ	908.11	1145	2.60	905.51	
MP-306A	PZ	911.34	957	15.07	896.27	
MP-401B	MW	906.56	1118	8.80	897.76	
P-500B	PZ	914.82	1141	9.49	905.33	
P-501A	PZ	913.93	1111	8.03	905.90	
P-511A	PZ	913.52	1014	19.10	894.42	Resurveyed 7/2004
P-515A	PZ	913.01	1107	7.09	905.92	
P-517	PZ	912.34	1113	5.04	907.30	Resurveyed 4/2011
P-520	PZ	914.77	1126	8.79	905.98	
P-527	PZ	894.90	935	4.22	890.68	
P-528	PZ	900.31	933	8.09	892.22	
P-529	PZ	902.51	931	4.66	897.85	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1C.
MEASURED WATER LEVELS IN THE CHANNEL SAND ZONE
OCTOBER 13, 2014
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Ground-Water Elevation (ft, MSL)	Notes
12-3A	PZ	910.50	911	16.36	894.14	
13-12	PZ	913.13	928	18.94	894.19	
MP-215BR	PZ	909.99	906	15.88	894.11	
MP-231BR	PZ	917.95	1057	23.52	894.43	
MP-242AR	PZ	909.42	825	13.79	895.63	
MP-281C	MW	914.12	907	20.01	894.11	
MP-282C	PZ	911.37	910	17.27	894.10	
MP-283C	PZ	915.34	900	21.25	894.09	
MP-286C	MW	914.59	1137	19.97	894.62	
MP-406C	MW	917.40	858	22.90	894.50	
P-500A	PZ	915.99	1142	21.18	894.81	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1D.
MEASURED WATER LEVELS IN THE BEDROCK-TILL INTERFACE
OCTOBER 13, 2014
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Ground-Water Elevation (ft, MSL)	Notes
12-3	PZ	910.04	912	14.83	895.21	
12-4	PZ	911.99	914	16.35	895.64	
12-5	PZ	910.04	929	13.60	896.44	
12-6	PZ	914.67	923	20.50	894.17	
13-5	PZ	914.92	902	19.52	895.40	
14-1	PZ	917.02	903	22.84	894.18	Lowered TOC 0.12' (3/13)
14-3	PZ	908.12	955	13.48	894.64	
14-4	PZ	911.16	959	16.63	894.53	
14-5	PZ	910.09	1027	15.05	895.04	Lowered TOC 0.11' (3/13)
14-7	PZ	917.05	1200	24.32	892.73	
MP-209	PZ	923.14	1108	21.76	901.38	
MP-214R	PZ	910.86	918	15.26	895.60	
MP-217R	PZ	912.91	949	17.61	895.30	
MP-221R	PZ	910.54	1137	14.21	896.33	
MP-222R	PZ	911.89	1103	13.32	898.57	
MP-223R	PZ	910.05	918	14.42	895.63	
MP-226	PZ	913.85	1056	17.24	896.61	
MP-227R	MW	913.00	1053	16.92	896.08	
MP-228R	PZ	911.41	1049	14.57	896.84	
MP-230R	PZ	908.28	1036	14.01	894.27	Resurveyed 7/2004
MP-231R	PZ	916.06	1055	21.93	894.13	
MP-233R	MW	907.00	1008	11.67	895.33	
MP-234R	MW	911.88	1013	14.68	897.20	
MP-235R	MW	914.84	1020	18.44	896.40	
MP-237	MW	913.68	1020	16.93	896.75	
MP-238R	MW	915.31	1033	18.09	897.22	
MP-240R	PZ	923.97	1041	24.56	899.41	
MP-240R1	PZ	922.46	1039	23.57	898.89	
MP-241R	MW	913.57	1025	17.43	896.14	
MP-242	PZ	908.37	823	< 0.00	> 908.37	flowing
MP-243	PZ	883.37	909	< 0.00	> 883.37	flowing
MP-244R	MW	909.73	1123	12.82	896.91	
MP-248	PZ	909.81	1004	13.21	896.60	
MP-249	PZ	904.29	906	9.79	894.50	
MP-250	MW	910.07	1131	12.84	897.23	
MP-251	PZ	910.99	1014	9.60	901.39	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1D.
MEASURED WATER LEVELS IN THE BEDROCK-TILL INTERFACE
OCTOBER 13, 2014
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Ground-Water Elevation (ft, MSL)	Notes
MP-252	PZ	894.59	939	0.03	894.56	
MP-253	PZ	901.36	916	9.06	892.30	
MP-254	PZ	886.47	911	0.28	886.19	In bailer
MP-255	PZ	909.81	1115	13.56	896.25	
MP-256	PZ	909.57	1124	22.13	887.44	
MP-259	PZ	904.17	928	9.02	895.15	
MP-260	PZ	911.12	923	18.80	892.32	
MP-265	PZ	886.34	857	4.44	881.90	
MP-266	PZ	899.14	859	11.52	887.62	
MP-267	PZ	891.68	905	4.10	887.58	
MP-269	PZ	912.79	1002	20.08	892.71	
MP-270	MW	911.94	935	16.83	895.11	Resurveyed 7/2004
MP-271	PZ	914.70	1049	16.12	898.58	
MP-272	PZ	912.79	1121	8.72	904.07	
MP-273B	PZ	932.17	1134	38.04	894.13	
MP-274	MW	912.20	915	17.92	894.28	Resurveyed 7/2004
MP-279	MW	910.36	956	10.41	899.95	
MP-280	MW	912.49	942	14.84	897.65	
MP-281	MW	913.53	910	19.37	894.16	
MP-284	PZ	913.43	1124	7.56	905.87	
MP-285	PZ	915.37	1116	11.42	903.95	
MP-287	PZ	889.18	855	0.08	889.10	
MP-290	PZ	898.20	921	1.77	896.43	Resurveyed 7/2004
MP-294	PZ	906.14	855	12.47	893.67	
MP-296	PZ	902.87	901	8.93	893.94	
MP-304	PZ	908.36	1128	12.50	895.86	
MP-305	PZ	907.74	1144	13.74	894.00	
MP-404	MW	912.75	926	16.32	896.43	
MP-407	MW	910.31	1032	15.78	894.53	
MP-408	MW	916.41	854	23.23	893.18	
MP-409	MW	911.83	1010	10.18	901.65	
P-500	PZ	914.68	1140	11.92	902.76	
P-501	PZ	914.30	1110	10.94	903.36	
P-503	PZ	916.15	1129	12.97	903.18	
P-504	PZ	915.71	1131	17.38	898.33	
P-505	PZ	916.40	1054	17.58	898.82	
P-506	PZ	916.06	1058	12.97	903.09	
P-508	PZ	913.19	949	22.62	890.57	

Note: PZ = piezometer; MW = monitoring well.

TABLE 1D.
MEASURED WATER LEVELS IN THE BEDROCK-TILL INTERFACE
OCTOBER 13, 2014
CECOS-ABER ROAD FACILITY

Well ID	Use	Top of Casing Elevation (ft, MSL)	Time	Depth to Water (ft)	Ground-Water Elevation (ft, MSL)	Notes
P-509	PZ	909.97	1035	16.70	893.27	
P-510	PZ	914.17	1040	19.67	894.50	
P-511	PZ	913.22	1013	15.77	897.45	Resurveyed 7/2004
P-513	PZ	912.76	938	15.36	897.40	
P-515	PZ	913.13	1108	9.84	903.29	

Note: PZ = piezometer; MW = monitoring well.

TABLE 2.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
UPPER SAND ZONE
OCTOBER 2014
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-206AR	MP-231AR	MP-235CR	MP-244ARR	MP-401A	MP-402A	MP-403A	MP-404A	MP-405A
		10/14/2014	10/14/2014	10/15/2014	10/14/2014	10/15/2014	10/15/2014	10/15/2014	10/15/2014	10/14/2014
Arsenic, Dissolved	mg/L	0.0012	0.0021	<0.001	0.012	0.0023	0.017	<0.001	<0.001	0.0016
Barium, Dissolved	mg/L	0.01	0.0056	0.0098	0.056	0.04	0.011	0.016	0.048	0.015
Cadmium, Dissolved	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Lead, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Mercury, Dissolved	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Selenium, Dissolved	mg/L	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Silver, Dissolved	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
VOCs	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - no detections at or above the PQL.

TABLE 3.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
880 SAND ZONE
OCTOBER 2014
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-210AR	MP-211BR	MP-213A	MP-214BR	MP-228AR	Duplicate-DMP-#1	MP-230A	MP-232A	MP-233AR	MP-234AR	MP-235BR	
		10/14/2014	10/13/2014	10/15/2014	10/15/2014	10/14/2014	10/14/2014	10/14/2014	10/14/2014	10/15/2014	10/15/2014	10/15/2014	
Arsenic, Dissolved	mg/L	0.002	<0.001	<0.001	0.0094	0.012	0.012	0	0.0043	0.0094	0.012	0.0047	0.0038
Barium, Dissolved	mg/L	0.056	0.046	0.026	0.008	0.028	0.028	0	0.031	0.029	0.021	0.0095	0.011
Cadmium, Dissolved	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0	<0.005	<0.005	<0.005	<0.005	<0.005
Lead, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0	<0.005	<0.005	<0.005	<0.005	<0.005
Mercury, Dissolved	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Selenium, Dissolved	mg/L	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	0	<0.015	<0.015	<0.015	<0.015	<0.015
Silver, Dissolved	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	0	<0.003	<0.003	<0.003	<0.003	<0.003
VOCs	ug/L	ND	ND	ND	ND	ND	ND	0	ND	ND	ND	ND	ND

ND - no detections at or above PQL.

TABLE 3.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
880 SAND ZONE
OCTOBER 2014
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-250A	MP-251A	MP-274A	Duplicate-DMP-#3	MP-277A	MP-280A	MP-401B	Duplicate-DMP-#2	
		10/14/2014	10/14/2014	10/15/2014	10/15/2014	RPD	10/14/2014	10/14/2014	10/15/2014	10/15/2014
Arsenic, Dissolved	mg/L	0.0068	0.0028	0.089	0.086	3.4	0.008	0.02	0.0061	0.0062
Barium, Dissolved	mg/L	0.029	0.12	0.025	0.024	4.1	0.027	0.024	0.042	0.042
Cadmium, Dissolved	mg/L	<0.001	<0.001	<0.001	<0.001	0	<0.001	<0.001	<0.001	<0.001
Chromium, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	0	<0.005	<0.005	<0.005	<0.005
Lead, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	0	<0.005	<0.005	<0.005	<0.005
Mercury, Dissolved	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	0	<0.0002	<0.0002	<0.0002	<0.0002
Selenium, Dissolved	mg/L	<0.015	<0.015	<0.015	<0.015	0	<0.015	<0.015	<0.015	<0.015
Silver, Dissolved	mg/L	<0.003	<0.003	<0.003	<0.003	0	<0.003	<0.003	<0.003	<0.003
VOCs	ug/L	ND	ND	ND	ND	0	ND	ND	ND	0

ND - no detections at or above PQL.

TABLE 4.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
CHANNEL SAND ZONE
OCTOBER 2014
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-281C	MP-286C	MP-406C
		10/15/2014	10/14/2014	10/13/2014
Arsenic, Dissolved	mg/L	0.0047	0.0041	0.0041
Barium, Dissolved	mg/L	0.049	0.13	0.14
Cadmium, Dissolved	mg/L	<0.001	<0.001	<0.001
Chromium, Dissolved	mg/L	<0.005	<0.005	<0.005
Lead, Dissolved	mg/L	<0.005	<0.005	<0.005
Mercury, Dissolved	mg/L	<0.0002	<0.0002	<0.0002
Selenium, Dissolved	mg/L	<0.015	<0.015	<0.015
Silver, Dissolved	mg/L	<0.003	<0.003	<0.003
VOCs	ug/L	ND	ND	ND

ND - no detections at or above PQL.

TABLE 5.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
BEDROCK-TILL INTERFACE
OCTOBER 2014
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-227R	MP-233R	MP-234R	MP-235R	MP-237	MP-238R	MP-241R	MP-244R	MP-250
		10/14/2014	10/15/2014	10/15/2014	10/15/2014	10/15/2014	10/15/2014	10/15/2014	10/14/2014	10/14/2014
Arsenic, Dissolved	mg/L	0.0041	0.0062	0.01	0.0038	0.0017	<0.001	0.0024	0.0027	0.0017
Barium, Dissolved	mg/L	0.049	0.41	0.046	0.037	0.027	0.044	0.043	0.022	0.045
Cadmium, Dissolved	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chromium, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Lead, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Mercury, Dissolved	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Selenium, Dissolved	mg/L	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Silver, Dissolved	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
VOCs	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - no detections at or above PQL.

TABLE 5.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
BEDROCK-TILL INTERFACE
OCTOBER 2014
CECOS - ABER ROAD FACILITY

Constituent	Units	MP-274	MP-279	MP-280	MP-281	MP-404	MP-407	MP-408		MP-409
		10/15/2014	10/14/2014	10/14/2014	10/15/2014	10/14/2014	10/14/2014	10/14/2014	12/18/2014	10/13/2014
Arsenic, Dissolved	mg/L	0.0033	0.026	0.027	0.0032	0.0047	0.0047	0.066	--	0.0029
Barium, Dissolved	mg/L	0.4	0.94	0.32	0.26	0.32	0.68	0.63	--	0.11
Cadmium, Dissolved	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	--	<0.001
Chromium, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--	<0.005
Lead, Dissolved	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	--	<0.005
Mercury, Dissolved	mg/L	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	--	<0.0002
Selenium, Dissolved	mg/L	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	--	<0.015
Silver, Dissolved	mg/L	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	--	<0.003
VOCs	ug/L	ND	ND	ND	ND	ND	ND	ND	ND	ND

ND - no detections at or above PQL.

TABLE 6.
SUMMARY OF LABORATORY ANALYTICAL RESULTS
QA/QC SAMPLES
OCTOBER 2014
CECOS - ABER ROAD FACILITY

Constituent	Field Blank DMP 10/15/14	Method Blank 10/24/14*	Trip Blank 10/14/14
Arsenic, Dissolved	<0.001	<0.001	--
Barium, Dissolved	<0.002	<0.002	--
Cadmium, Dissolved	<0.001	<0.001	--
Chromium, Dissolved	<0.005	<0.005	--
Lead, Dissolved	<0.005	<0.005	--
Mercury, Dissolved	<0.0002	<0.0002	--
Selenium, Dissolved	<0.015	<0.015	--
Silver, Dissolved	<0.003	<0.003	--
VOCs	ND	ND	ND

ND - no detections at or above PQL.

* - Date of analysis.

APPENDIX A.

**LABORATORY DATA REPORT, FIELD INFORMATION
FORMS, CHAIN-OF-CUSTODY RECORDS,
AND FIELD METER CALIBRATION RECORDS FOR THE
OCTOBER 2014 SECOND SEMIANNUAL SAMPLING EVENT &
DECEMBER 2014 RESAMPLING EVENT
(CD-ROM)**

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-69451-1

Client Project/Site: Aber Rd. Landfill - DMP analysis

For:

Republic Services Inc

5092 Aber Road

Williamsburg, Ohio 45176

Attn: Mr. Dan Deborde



Authorized for release by:

12/10/2014 10:29:26 AM

Brian Fischer, Manager of Project Management

(716)504-9835

brian.fischer@testamericainc.com

LINKS

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Brian Fischer
Manager of Project Management
12/10/2014 10:29:26 AM

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Definitions/Glossary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC exceeds the control limits.

General Chemistry

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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Case Narrative

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Job ID: 480-69451-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-69451-1

Comments

No additional comments.

Receipt

The samples were received on 10/16/2014 8:15 AM and 10/17/2014 9:00 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 11 coolers at receipt time were 1.4° C, 2.0° C, 2.2° C, 2.2° C, 2.3° C, 2.6° C, 2.7° C, 2.9° C, 3.0° C, 3.4° C and 3.7° C.

Except:

The Chain-of-Custody (COC) was incomplete as received and/or improperly completed. Labels on sample 5 list MP28A and labels on sample 7 list MP405C. Both samples were logged using IDs from the COC.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 209781 recovered outside acceptance criteria, low biased, for Hexachlorobutadiene. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 209781 recovered above the upper control limit for Pentachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 480-209781/3).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 210181 and 210258 recovered above the upper control limit for Pentachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 480-210181/3).

Method(s) 8260C: The following preserved volatile sample was diluted due to foaming at the time of purging during the original sample analysis: MP-408 (480-69451-17). Elevated reporting limits (RLs) are provided.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 211255 recovered above the upper control limit for Trans 1,3 Dichloropropene, Vinyl Acetate , Ethyl Methacrylate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-211255/3).

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 211255 recovered above the upper control limit for Pentachloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCV 480-211255/4).

Method(s) 8260C: Due to the coelution of 3-Chloro-1-propene with Acetonitrile, and/or N butyl Acetate with 2-Hexanone in the full spike solution, these analytes exceeded control limits in the laboratory control sample (LCS) and/or laboratory control sample duplicate (LCSD) associated with batch 211255.

Method(s) 8260C: The following unpreserved sample(s) was analyzed outside of analytical holding time due to laboratory oversight. MP-408 (480-69451-17).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals

Method(s) 6020A: The low level continuing calibration verification (CCVL 480-210505/89) recovered above the upper control limit for dissolved selenium. The sample(s) MP-244R (480-69451-22), MP-279 (480-69451-20) associated with this CCVL were either less than

Case Narrative

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Job ID: 480-69451-1 (Continued)

Laboratory: TestAmerica Buffalo (Continued)

the reporting limit (RL) for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCVL; therefore, re-analysis of samples was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 208563.

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 208570.

Method(s) 3510C: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate/sample duplicate (MS/MSD/DUP) associated with batch 210024.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-210AR

Lab Sample ID: 480-69451-1

Matrix: Water

Date Collected: 10/14/14 15:15

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 13:02	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 13:02	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 13:02	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 13:02	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 13:02	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 13:02	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 13:02	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 13:02	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 13:02	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 13:02	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 13:02	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 13:02	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 13:02	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 13:02	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 13:02	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 13:02	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 13:02	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 13:02	1
Acetone	ND		10	3.0	ug/L			10/27/14 13:02	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 13:02	1
Acrolein	ND		20	0.91	ug/L			10/27/14 13:02	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 13:02	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 13:02	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 13:02	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 13:02	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 13:02	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 13:02	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 13:02	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 13:02	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 13:02	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 13:02	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 13:02	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 13:02	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 13:02	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 13:02	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 13:02	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 13:02	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 13:02	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 13:02	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 13:02	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 13:02	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 13:02	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 13:02	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 13:02	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 13:02	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 13:02	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 13:02	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 13:02	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 13:02	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-210AR

Lab Sample ID: 480-69451-1

Date Collected: 10/14/14 15:15

Matrix: Water

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 13:02	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 13:02	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 13:02	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 13:02	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 13:02	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 13:02	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 13:02	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 13:02	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 13:02	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 13:02	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 13:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		86 - 118					10/27/14 13:02	1
4-Bromofluorobenzene (Surr)	106		86 - 115					10/27/14 13:02	1
Toluene-d8 (Surr)	96		88 - 110					10/27/14 13:02	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 05:17	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 05:17	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 09:59	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 09:59	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 09:59	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 09:59	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 09:59	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 09:59	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 09:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		24 - 150				10/18/14 08:04	10/20/14 09:59	1
DCB Decachlorobiphenyl	91		24 - 150				10/18/14 08:04	10/20/14 09:59	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.056		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 16:22	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 16:22	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0020		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 09:57	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 09:57	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 09:57	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 09:57	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 09:57	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-210AR

Lab Sample ID: 480-69451-1

Date Collected: 10/14/14 15:15

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.87	J	1.0	0.43	mg/L			11/08/14 02:44	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.35				SU			10/14/14 15:15	1
Field Conductivity	1032				umhos/cm			10/14/14 15:15	1
Field Temperature	14.3				Degrees C			10/14/14 15:15	1
Field Turbidity	4.37				NTU			10/14/14 15:15	1
Oxidation Reduction Potential	-4.8				millivolts			10/14/14 15:15	1
Oxygen, Dissolved	0.63				mg/L			10/14/14 15:15	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-406C

Lab Sample ID: 480-69451-2

Matrix: Water

Date Collected: 10/13/14 14:15

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 13:27	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 13:27	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 13:27	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 13:27	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 13:27	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 13:27	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 13:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 13:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 13:27	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 13:27	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 13:27	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 13:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 13:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 13:27	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 13:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 13:27	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 13:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 13:27	1
Acetone	ND		10	3.0	ug/L			10/27/14 13:27	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 13:27	1
Acrolein	ND		20	0.91	ug/L			10/27/14 13:27	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 13:27	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 13:27	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 13:27	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 13:27	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 13:27	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 13:27	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 13:27	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 13:27	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 13:27	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 13:27	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 13:27	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 13:27	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 13:27	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 13:27	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 13:27	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 13:27	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 13:27	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 13:27	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 13:27	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 13:27	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 13:27	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 13:27	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 13:27	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 13:27	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 13:27	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 13:27	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 13:27	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 13:27	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-406C

Lab Sample ID: 480-69451-2

Matrix: Water

Date Collected: 10/13/14 14:15

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 13:27	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 13:27	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 13:27	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 13:27	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 13:27	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 13:27	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 13:27	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 13:27	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 13:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 13:27	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 13:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		86 - 118					10/27/14 13:27	1
4-Bromofluorobenzene (Surr)	105		86 - 115					10/27/14 13:27	1
Toluene-d8 (Surr)	94		88 - 110					10/27/14 13:27	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/18/14 11:48	10/19/14 05:44	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/18/14 11:48	10/19/14 05:44	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 10:15	1
PCB-1221	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 10:15	1
PCB-1232	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 10:15	1
PCB-1242	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 10:15	1
PCB-1248	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 10:15	1
PCB-1254	ND		0.47	0.24	ug/L		10/18/14 08:04	10/20/14 10:15	1
PCB-1260	ND		0.47	0.24	ug/L		10/18/14 08:04	10/20/14 10:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		24 - 150				10/18/14 08:04	10/20/14 10:15	1
DCB Decachlorobiphenyl	88		24 - 150				10/18/14 08:04	10/20/14 10:15	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.14		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 16:36	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 16:36	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0041		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 10:03	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 10:03	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 10:03	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 10:03	1
Selenium, Dissolved	0.0015	J	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 10:03	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-406C

Lab Sample ID: 480-69451-2

Date Collected: 10/13/14 14:15

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.1		1.0	0.43	mg/L			11/10/14 18:12	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.21				SU			10/13/14 14:15	1
Field Conductivity	990				umhos/cm			10/13/14 14:15	1
Field Temperature	15.1				Degrees C			10/13/14 14:15	1
Field Turbidity	2.77				NTU			10/13/14 14:15	1
Oxidation Reduction Potential	-44.1				millivolts			10/13/14 14:15	1
Oxygen, Dissolved	0.17				mg/L			10/13/14 14:15	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-409

Date Collected: 10/13/14 15:35

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 13:52	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 13:52	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 13:52	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 13:52	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 13:52	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 13:52	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 13:52	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 13:52	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 13:52	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 13:52	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 13:52	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 13:52	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 13:52	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 13:52	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 13:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 13:52	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 13:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 13:52	1
Acetone	ND		10	3.0	ug/L			10/27/14 13:52	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 13:52	1
Acrolein	ND		20	0.91	ug/L			10/27/14 13:52	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 13:52	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 13:52	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 13:52	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 13:52	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 13:52	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 13:52	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 13:52	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 13:52	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 13:52	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 13:52	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 13:52	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 13:52	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 13:52	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 13:52	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 13:52	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 13:52	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 13:52	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 13:52	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 13:52	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 13:52	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 13:52	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 13:52	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 13:52	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 13:52	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 13:52	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 13:52	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 13:52	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 13:52	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-409

Lab Sample ID: 480-69451-3

Date Collected: 10/13/14 15:35

Matrix: Water

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 13:52	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 13:52	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 13:52	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 13:52	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 13:52	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 13:52	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 13:52	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 13:52	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 13:52	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 13:52	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 13:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		86 - 118					10/27/14 13:52	1
4-Bromofluorobenzene (Surr)	105		86 - 115					10/27/14 13:52	1
Toluene-d8 (Surr)	94		88 - 110					10/27/14 13:52	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 06:11	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 06:11	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 10:31	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 10:31	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 10:31	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 10:31	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 10:31	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 10:31	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 10:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		24 - 150				10/18/14 08:04	10/20/14 10:31	1
DCB Decachlorobiphenyl	83		24 - 150				10/18/14 08:04	10/20/14 10:31	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.11		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 16:39	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 16:39	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0029		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 10:08	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 10:08	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 10:08	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 10:08	1
Selenium, Dissolved	0.0017	J	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 10:08	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-409

Lab Sample ID: 480-69451-3

Date Collected: 10/13/14 15:35

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.2		1.0	0.43	mg/L		11/08/14 07:01		1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.37				SU			10/13/14 15:35	1
Field Conductivity	911				umhos/cm			10/13/14 15:35	1
Field Temperature	16.6				Degrees C			10/13/14 15:35	1
Field Turbidity	4.98				NTU			10/13/14 15:35	1
Oxidation Reduction Potential	-85.8				millivolts			10/13/14 15:35	1
Oxygen, Dissolved	0.11				mg/L			10/13/14 15:35	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-280

Date Collected: 10/14/14 11:35

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 14:16	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 14:16	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 14:16	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 14:16	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 14:16	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 14:16	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 14:16	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 14:16	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 14:16	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 14:16	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 14:16	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 14:16	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 14:16	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 14:16	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 14:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 14:16	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 14:16	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 14:16	1
Acetone	ND		10	3.0	ug/L			10/27/14 14:16	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 14:16	1
Acrolein	ND		20	0.91	ug/L			10/27/14 14:16	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 14:16	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 14:16	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 14:16	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 14:16	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 14:16	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 14:16	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 14:16	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 14:16	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 14:16	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 14:16	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 14:16	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 14:16	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 14:16	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 14:16	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 14:16	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 14:16	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 14:16	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 14:16	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 14:16	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 14:16	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 14:16	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 14:16	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 14:16	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 14:16	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 14:16	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 14:16	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 14:16	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 14:16	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-280

Lab Sample ID: 480-69451-4

Matrix: Water

Date Collected: 10/14/14 11:35

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 14:16	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 14:16	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 14:16	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 14:16	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 14:16	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 14:16	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 14:16	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 14:16	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 14:16	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 14:16	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 14:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		86 - 118					10/27/14 14:16	1
4-Bromofluorobenzene (Surr)	105		86 - 115					10/27/14 14:16	1
Toluene-d8 (Surr)	94		88 - 110					10/27/14 14:16	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/18/14 11:48	10/19/14 06:38	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/18/14 11:48	10/19/14 06:38	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.16	ug/L		10/18/14 08:04	10/20/14 10:47	1
PCB-1221	ND		0.47	0.16	ug/L		10/18/14 08:04	10/20/14 10:47	1
PCB-1232	ND		0.47	0.16	ug/L		10/18/14 08:04	10/20/14 10:47	1
PCB-1242	ND		0.47	0.16	ug/L		10/18/14 08:04	10/20/14 10:47	1
PCB-1248	ND		0.47	0.16	ug/L		10/18/14 08:04	10/20/14 10:47	1
PCB-1254	ND		0.47	0.23	ug/L		10/18/14 08:04	10/20/14 10:47	1
PCB-1260	ND		0.47	0.23	ug/L		10/18/14 08:04	10/20/14 10:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		24 - 150				10/18/14 08:04	10/20/14 10:47	1
DCB Decachlorobiphenyl	81		24 - 150				10/18/14 08:04	10/20/14 10:47	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.32		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 16:42	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 16:42	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.027		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 10:14	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 10:14	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 10:14	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 10:14	1
Selenium, Dissolved	0.0052	J	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 10:14	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-280

Lab Sample ID: 480-69451-4

Date Collected: 10/14/14 11:35

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	13.4		1.0	0.43	mg/L			11/08/14 01:13	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.57				SU			10/14/14 11:35	1
Field Conductivity	1569				umhos/cm			10/14/14 11:35	1
Field Temperature	15.0				Degrees C			10/14/14 11:35	1
Field Turbidity	7.10				NTU			10/14/14 11:35	1
Oxidation Reduction Potential	-172.6				millivolts			10/14/14 11:35	1
Oxygen, Dissolved	0.05				mg/L			10/14/14 11:35	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-280A

Lab Sample ID: 480-69451-5

Matrix: Water

Date Collected: 10/14/14 12:10

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 14:41	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 14:41	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 14:41	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 14:41	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 14:41	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 14:41	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 14:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 14:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 14:41	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 14:41	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 14:41	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 14:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 14:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 14:41	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 14:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 14:41	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 14:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 14:41	1
Acetone	ND		10	3.0	ug/L			10/27/14 14:41	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 14:41	1
Acrolein	ND		20	0.91	ug/L			10/27/14 14:41	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 14:41	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 14:41	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 14:41	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 14:41	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 14:41	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 14:41	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 14:41	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 14:41	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 14:41	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 14:41	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 14:41	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 14:41	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 14:41	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 14:41	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 14:41	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 14:41	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 14:41	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 14:41	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 14:41	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 14:41	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 14:41	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 14:41	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 14:41	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 14:41	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 14:41	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 14:41	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 14:41	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 14:41	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-280A

Lab Sample ID: 480-69451-5

Matrix: Water

Date Collected: 10/14/14 12:10

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 14:41	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 14:41	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 14:41	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 14:41	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 14:41	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 14:41	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 14:41	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 14:41	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 14:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 14:41	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 14:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		86 - 118					10/27/14 14:41	1
4-Bromofluorobenzene (Surr)	103		86 - 115					10/27/14 14:41	1
Toluene-d8 (Surr)	92		88 - 110					10/27/14 14:41	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 07:32	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 07:32	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:03	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:03	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:03	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:03	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:03	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 11:03	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 11:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		24 - 150				10/18/14 08:04	10/20/14 11:03	1
DCB Decachlorobiphenyl	82		24 - 150				10/18/14 08:04	10/20/14 11:03	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.024		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 16:53	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 16:53	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.020		0.0010	0.000078	mg/L		10/21/14 11:06	10/24/14 23:15	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/21/14 11:06	10/24/14 23:15	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/21/14 11:06	10/24/14 23:15	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/21/14 11:06	10/24/14 23:15	1
Selenium, Dissolved	0.00049 J		0.015	0.00044	mg/L		10/21/14 11:06	10/24/14 23:15	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-280A

Lab Sample ID: 480-69451-5

Date Collected: 10/14/14 12:10

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.4		1.0	0.43	mg/L			11/08/14 16:44	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.88				SU			10/14/14 12:10	1
Field Conductivity	1764				umhos/cm			10/14/14 12:10	1
Field Temperature	14.0				Degrees C			10/14/14 12:10	1
Field Turbidity	3.74				NTU			10/14/14 12:10	1
Oxidation Reduction Potential	-46.4				millivolts			10/14/14 12:10	1
Oxygen, Dissolved	0.01				mg/L			10/14/14 12:10	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-407

Date Collected: 10/14/14 08:50

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 15:06	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 15:06	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 15:06	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 15:06	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 15:06	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 15:06	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 15:06	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 15:06	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 15:06	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 15:06	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 15:06	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 15:06	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 15:06	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 15:06	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 15:06	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 15:06	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 15:06	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 15:06	1
Acetone	ND		10	3.0	ug/L			10/27/14 15:06	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 15:06	1
Acrolein	ND		20	0.91	ug/L			10/27/14 15:06	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 15:06	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 15:06	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 15:06	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 15:06	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 15:06	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 15:06	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 15:06	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 15:06	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 15:06	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 15:06	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 15:06	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 15:06	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 15:06	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 15:06	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 15:06	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 15:06	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 15:06	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 15:06	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 15:06	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 15:06	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 15:06	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 15:06	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 15:06	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 15:06	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 15:06	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 15:06	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 15:06	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 15:06	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-407

Lab Sample ID: 480-69451-6

Date Collected: 10/14/14 08:50

Matrix: Water

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 15:06	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 15:06	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 15:06	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 15:06	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 15:06	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 15:06	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 15:06	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 15:06	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 15:06	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 15:06	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 15:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		86 - 118					10/27/14 15:06	1
4-Bromofluorobenzene (Surr)	107		86 - 115					10/27/14 15:06	1
Toluene-d8 (Surr)	96		88 - 110					10/27/14 15:06	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 07:59	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 07:59	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 11:19	1
PCB-1221	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 11:19	1
PCB-1232	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 11:19	1
PCB-1242	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 11:19	1
PCB-1248	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 11:19	1
PCB-1254	ND		0.47	0.24	ug/L		10/18/14 08:04	10/20/14 11:19	1
PCB-1260	ND		0.47	0.24	ug/L		10/18/14 08:04	10/20/14 11:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		24 - 150				10/18/14 08:04	10/20/14 11:19	1
DCB Decachlorobiphenyl	86		24 - 150				10/18/14 08:04	10/20/14 11:19	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.68		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 16:56	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 16:56	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0047		0.0010	0.000078	mg/L		10/29/14 11:35	11/01/14 06:33	1
Cadmium, Dissolved	0.000075 J		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 10:19	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 10:19	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 10:19	1
Selenium, Dissolved	0.0012 J		0.015	0.00044	mg/L		10/29/14 11:35	11/01/14 06:33	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-407

Lab Sample ID: 480-69451-6

Date Collected: 10/14/14 08:50

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.8		1.0	0.43	mg/L			11/05/14 15:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.49				SU			10/14/14 08:50	1
Field Conductivity	2148				umhos/cm			10/14/14 08:50	1
Field Temperature	15.7				Degrees C			10/14/14 08:50	1
Field Turbidity	1.67				NTU			10/14/14 08:50	1
Oxidation Reduction Potential	-137.2				millivolts			10/14/14 08:50	1
Oxygen, Dissolved	0.03				mg/L			10/14/14 08:50	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-405A

Lab Sample ID: 480-69451-7

Matrix: Water

Date Collected: 10/14/14 10:40

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 15:30	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 15:30	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 15:30	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 15:30	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 15:30	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 15:30	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 15:30	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 15:30	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 15:30	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 15:30	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 15:30	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 15:30	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 15:30	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 15:30	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 15:30	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 15:30	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 15:30	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 15:30	1
Acetone	ND		10	3.0	ug/L			10/27/14 15:30	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 15:30	1
Acrolein	ND		20	0.91	ug/L			10/27/14 15:30	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 15:30	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 15:30	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 15:30	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 15:30	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 15:30	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 15:30	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 15:30	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 15:30	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 15:30	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 15:30	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 15:30	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 15:30	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 15:30	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 15:30	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 15:30	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 15:30	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 15:30	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 15:30	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 15:30	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 15:30	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 15:30	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 15:30	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 15:30	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 15:30	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 15:30	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 15:30	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 15:30	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 15:30	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-405A

Lab Sample ID: 480-69451-7

Matrix: Water

Date Collected: 10/14/14 10:40

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 15:30	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 15:30	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 15:30	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 15:30	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 15:30	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 15:30	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 15:30	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 15:30	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 15:30	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 15:30	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 15:30	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		86 - 118					10/27/14 15:30	1
4-Bromofluorobenzene (Surr)	106		86 - 115					10/27/14 15:30	1
Toluene-d8 (Surr)	95		88 - 110					10/27/14 15:30	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 08:26	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 08:26	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:34	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:34	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:34	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:34	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 11:34	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 11:34	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 11:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		24 - 150				10/18/14 08:04	10/20/14 11:34	1
DCB Decachlorobiphenyl	86		24 - 150				10/18/14 08:04	10/20/14 11:34	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.015		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 16:59	1
Chromium, Dissolved	0.0018	J	0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 16:59	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0016		0.0010	0.000078	mg/L		10/21/14 11:06	10/24/14 23:21	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/21/14 11:06	10/24/14 23:21	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/21/14 11:06	10/24/14 23:21	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/21/14 11:06	10/24/14 23:21	1
Selenium, Dissolved	0.0015	J	0.015	0.00044	mg/L		10/21/14 11:06	10/24/14 23:21	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-405A

Lab Sample ID: 480-69451-7

Date Collected: 10/14/14 10:40

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.2		1.0	0.43	mg/L			11/05/14 16:03	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.84				SU			10/14/14 10:40	1
Field Conductivity	3057				umhos/cm			10/14/14 10:40	1
Field Temperature	16.8				Degrees C			10/14/14 10:40	1
Field Turbidity	3.61				NTU			10/14/14 10:40	1
Oxidation Reduction Potential	28.3				millivolts			10/14/14 10:40	1
Oxygen, Dissolved	0.32				mg/L			10/14/14 10:40	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-231AR

Lab Sample ID: 480-69451-8

Matrix: Water

Date Collected: 10/14/14 14:10

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 15:55	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 15:55	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 15:55	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 15:55	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 15:55	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 15:55	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 15:55	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 15:55	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 15:55	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 15:55	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 15:55	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 15:55	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 15:55	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 15:55	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 15:55	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 15:55	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 15:55	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 15:55	1
Acetone	ND		10	3.0	ug/L			10/27/14 15:55	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 15:55	1
Acrolein	ND		20	0.91	ug/L			10/27/14 15:55	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 15:55	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 15:55	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 15:55	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 15:55	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 15:55	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 15:55	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 15:55	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 15:55	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 15:55	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 15:55	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 15:55	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 15:55	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 15:55	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 15:55	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 15:55	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 15:55	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 15:55	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 15:55	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 15:55	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 15:55	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 15:55	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 15:55	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 15:55	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 15:55	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 15:55	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 15:55	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 15:55	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 15:55	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-231AR

Lab Sample ID: 480-69451-8

Date Collected: 10/14/14 14:10

Matrix: Water

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 15:55	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 15:55	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 15:55	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 15:55	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 15:55	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 15:55	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 15:55	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 15:55	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 15:55	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 15:55	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 15:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		86 - 118					10/27/14 15:55	1
4-Bromofluorobenzene (Surr)	107		86 - 115					10/27/14 15:55	1
Toluene-d8 (Surr)	94		88 - 110					10/27/14 15:55	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 08:53	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 08:53	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 12:22	1
PCB-1221	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 12:22	1
PCB-1232	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 12:22	1
PCB-1242	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 12:22	1
PCB-1248	ND		0.47	0.17	ug/L		10/18/14 08:04	10/20/14 12:22	1
PCB-1254	ND		0.47	0.23	ug/L		10/18/14 08:04	10/20/14 12:22	1
PCB-1260	ND		0.47	0.23	ug/L		10/18/14 08:04	10/20/14 12:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		24 - 150				10/18/14 08:04	10/20/14 12:22	1
DCB Decachlorobiphenyl	92		24 - 150				10/18/14 08:04	10/20/14 12:22	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.0056		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:02	1
Chromium, Dissolved	0.0013	J	0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:02	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0021		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 10:25	1
Cadmium, Dissolved	0.000075	J	0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 10:25	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 10:25	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 10:25	1
Selenium, Dissolved	0.0014	J	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 10:25	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-231AR

Lab Sample ID: 480-69451-8

Date Collected: 10/14/14 14:10

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.5		1.0	0.43	mg/L		11/05/14 16:57		1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.42				SU			10/14/14 14:10	1
Field Conductivity	3558				umhos/cm			10/14/14 14:10	1
Field Temperature	15.6				Degrees C			10/14/14 14:10	1
Field Turbidity	7.14				NTU			10/14/14 14:10	1
Oxidation Reduction Potential	-105.0				millivolts			10/14/14 14:10	1
Oxygen, Dissolved	0.07				mg/L			10/14/14 14:10	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-251A

Lab Sample ID: 480-69451-9

Matrix: Water

Date Collected: 10/14/14 14:55

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 16:20	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 16:20	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 16:20	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 16:20	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 16:20	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 16:20	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 16:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 16:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 16:20	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 16:20	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 16:20	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 16:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 16:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 16:20	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 16:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 16:20	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 16:20	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 16:20	1
Acetone	ND		10	3.0	ug/L			10/27/14 16:20	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 16:20	1
Acrolein	ND		20	0.91	ug/L			10/27/14 16:20	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 16:20	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 16:20	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 16:20	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 16:20	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 16:20	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 16:20	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 16:20	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 16:20	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 16:20	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 16:20	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 16:20	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 16:20	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 16:20	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 16:20	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 16:20	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 16:20	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 16:20	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 16:20	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 16:20	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 16:20	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 16:20	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 16:20	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 16:20	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 16:20	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 16:20	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 16:20	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 16:20	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 16:20	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-251A

Lab Sample ID: 480-69451-9

Matrix: Water

Date Collected: 10/14/14 14:55

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 16:20	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 16:20	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 16:20	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 16:20	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 16:20	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 16:20	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 16:20	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 16:20	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 16:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 16:20	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 16:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		86 - 118					10/27/14 16:20	1
4-Bromofluorobenzene (Surr)	107		86 - 115					10/27/14 16:20	1
Toluene-d8 (Surr)	95		88 - 110					10/27/14 16:20	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/18/14 11:48	10/19/14 09:20	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/18/14 11:48	10/19/14 09:20	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:38	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:38	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:38	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:38	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:38	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 12:38	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 12:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		24 - 150				10/18/14 08:04	10/20/14 12:38	1
DCB Decachlorobiphenyl	92		24 - 150				10/18/14 08:04	10/20/14 12:38	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.12		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:05	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:05	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0028		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 10:30	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 10:30	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 10:30	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 10:30	1
Selenium, Dissolved	0.00070	J	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 10:30	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-251A

Lab Sample ID: 480-69451-9

Date Collected: 10/14/14 14:55

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.7		1.0	0.43	mg/L		11/05/14 17:24		1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.80				SU		10/14/14 14:55		1
Field Conductivity	954				umhos/cm		10/14/14 14:55		1
Field Temperature	14.4				Degrees C		10/14/14 14:55		1
Field Turbidity	3.90				NTU		10/14/14 14:55		1
Oxidation Reduction Potential	-163.1				millivolts		10/14/14 14:55		1
Oxygen, Dissolved	0.06				mg/L		10/14/14 14:55		1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-404

Date Collected: 10/14/14 15:40

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-10

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 16:45	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 16:45	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 16:45	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 16:45	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 16:45	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 16:45	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 16:45	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 16:45	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 16:45	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 16:45	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 16:45	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 16:45	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 16:45	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 16:45	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 16:45	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 16:45	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 16:45	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 16:45	1
Acetone	ND		10	3.0	ug/L			10/27/14 16:45	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 16:45	1
Acrolein	ND		20	0.91	ug/L			10/27/14 16:45	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 16:45	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 16:45	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 16:45	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 16:45	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 16:45	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 16:45	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 16:45	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 16:45	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 16:45	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 16:45	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 16:45	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 16:45	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 16:45	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 16:45	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 16:45	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 16:45	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 16:45	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 16:45	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 16:45	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 16:45	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 16:45	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 16:45	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 16:45	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 16:45	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 16:45	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 16:45	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 16:45	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 16:45	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-404

Lab Sample ID: 480-69451-10

Date Collected: 10/14/14 15:40

Matrix: Water

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 16:45	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 16:45	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 16:45	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 16:45	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 16:45	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 16:45	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 16:45	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 16:45	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 16:45	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 16:45	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 16:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		86 - 118					10/27/14 16:45	1
4-Bromofluorobenzene (Surr)	106		86 - 115					10/27/14 16:45	1
Toluene-d8 (Surr)	95		88 - 110					10/27/14 16:45	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 09:47	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 09:47	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:54	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:54	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:54	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:54	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 12:54	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 12:54	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 12:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		24 - 150				10/18/14 08:04	10/20/14 12:54	1
DCB Decachlorobiphenyl	87		24 - 150				10/18/14 08:04	10/20/14 12:54	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.32		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:08	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:08	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0047		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 10:54	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 10:54	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 10:54	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 10:54	1
Selenium, Dissolved	0.0079	J	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 10:54	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-404

Lab Sample ID: 480-69451-10

Date Collected: 10/14/14 15:40

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	6.1		1.0	0.43	mg/L			11/05/14 17:51	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.28				SU			10/14/14 15:40	1
Field Conductivity	1752				umhos/cm			10/14/14 15:40	1
Field Temperature	13.9				Degrees C			10/14/14 15:40	1
Field Turbidity	4.09				NTU			10/14/14 15:40	1
Oxidation Reduction Potential	-110.9				millivolts			10/14/14 15:40	1
Oxygen, Dissolved	0.10				mg/L			10/14/14 15:40	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-227R

Date Collected: 10/14/14 11:42

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-11

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 12:58	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 12:58	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 12:58	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 12:58	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 12:58	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 12:58	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 12:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 12:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 12:58	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 12:58	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 12:58	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 12:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 12:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 12:58	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 12:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 12:58	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 12:58	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 12:58	1
Acetone	ND		10	3.0	ug/L			10/27/14 12:58	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 12:58	1
Acrolein	ND		20	0.91	ug/L			10/27/14 12:58	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 12:58	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 12:58	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 12:58	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 12:58	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 12:58	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 12:58	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 12:58	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 12:58	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 12:58	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 12:58	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 12:58	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 12:58	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 12:58	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 12:58	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 12:58	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 12:58	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 12:58	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 12:58	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 12:58	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 12:58	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 12:58	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 12:58	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 12:58	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 12:58	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 12:58	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 12:58	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 12:58	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 12:58	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-227R

Lab Sample ID: 480-69451-11

Matrix: Water

Date Collected: 10/14/14 11:42

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 12:58	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 12:58	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 12:58	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 12:58	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 12:58	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 12:58	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 12:58	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 12:58	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 12:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 12:58	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 12:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		86 - 118					10/27/14 12:58	1
4-Bromofluorobenzene (Surr)	94		86 - 115					10/27/14 12:58	1
Toluene-d8 (Surr)	97		88 - 110					10/27/14 12:58	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 10:41	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 10:41	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:10	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:10	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:10	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:10	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:10	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 13:10	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 13:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		24 - 150				10/18/14 08:04	10/20/14 13:10	1
DCB Decachlorobiphenyl	93		24 - 150				10/18/14 08:04	10/20/14 13:10	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.049		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:11	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:11	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0041		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 11:00	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 11:00	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 11:00	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 11:00	1
Selenium, Dissolved	0.0045	J	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 11:00	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-227R

Lab Sample ID: 480-69451-11

Date Collected: 10/14/14 11:42

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.4		1.0	0.43	mg/L		11/05/14 18:19		1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.55				SU			10/14/14 11:42	1
Field Conductivity	1653				umhos/cm			10/14/14 11:42	1
Field Temperature	15.8				Degrees C			10/14/14 11:42	1
Field Turbidity	50.6				NTU			10/14/14 11:42	1
Oxidation Reduction Potential	-29.3				millivolts			10/14/14 11:42	1
Oxygen, Dissolved	0.34				mg/L			10/14/14 11:42	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-228AR

Date Collected: 10/14/14 13:35

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-12

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 13:20	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 13:20	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 13:20	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 13:20	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 13:20	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 13:20	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 13:20	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 13:20	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 13:20	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 13:20	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 13:20	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 13:20	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 13:20	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 13:20	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 13:20	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 13:20	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 13:20	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 13:20	1
Acetone	ND		10	3.0	ug/L			10/27/14 13:20	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 13:20	1
Acrolein	ND		20	0.91	ug/L			10/27/14 13:20	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 13:20	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 13:20	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 13:20	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 13:20	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 13:20	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 13:20	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 13:20	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 13:20	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 13:20	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 13:20	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 13:20	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 13:20	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 13:20	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 13:20	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 13:20	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 13:20	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 13:20	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 13:20	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 13:20	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 13:20	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 13:20	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 13:20	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 13:20	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 13:20	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 13:20	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 13:20	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 13:20	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 13:20	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-228AR

Lab Sample ID: 480-69451-12

Matrix: Water

Date Collected: 10/14/14 13:35

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 13:20	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 13:20	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 13:20	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 13:20	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 13:20	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 13:20	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 13:20	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 13:20	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 13:20	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 13:20	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 13:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		86 - 118					10/27/14 13:20	1
4-Bromofluorobenzene (Surr)	94		86 - 115					10/27/14 13:20	1
Toluene-d8 (Surr)	97		88 - 110					10/27/14 13:20	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 11:08	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 11:08	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:26	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:26	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:26	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:26	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:26	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 13:26	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 13:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		24 - 150				10/18/14 08:04	10/20/14 13:26	1
DCB Decachlorobiphenyl	84		24 - 150				10/18/14 08:04	10/20/14 13:26	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.028		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:14	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:14	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.012		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 11:05	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 11:05	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 11:05	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 11:05	1
Selenium, Dissolved	0.0013 J		0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 11:05	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-228AR

Lab Sample ID: 480-69451-12

Date Collected: 10/14/14 13:35

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.7		1.0	0.43	mg/L			11/05/14 19:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.09				SU			10/14/14 13:35	1
Field Conductivity	1730				umhos/cm			10/14/14 13:35	1
Field Temperature	14.5				Degrees C			10/14/14 13:35	1
Field Turbidity	3.23				NTU			10/14/14 13:35	1
Oxidation Reduction Potential	11.4				millivolts			10/14/14 13:35	1
Oxygen, Dissolved	0.18				mg/L			10/14/14 13:35	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: DUPLICATE-DMP #1

Date Collected: 10/14/14 13:35

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-13

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 13:42	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 13:42	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 13:42	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 13:42	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 13:42	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 13:42	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 13:42	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 13:42	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 13:42	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 13:42	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 13:42	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 13:42	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 13:42	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 13:42	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 13:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 13:42	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 13:42	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 13:42	1
Acetone	ND		10	3.0	ug/L			10/27/14 13:42	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 13:42	1
Acrolein	ND		20	0.91	ug/L			10/27/14 13:42	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 13:42	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 13:42	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 13:42	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 13:42	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 13:42	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 13:42	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 13:42	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 13:42	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 13:42	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 13:42	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 13:42	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 13:42	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 13:42	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 13:42	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 13:42	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 13:42	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 13:42	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 13:42	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 13:42	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 13:42	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 13:42	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 13:42	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 13:42	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 13:42	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 13:42	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 13:42	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 13:42	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 13:42	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: DUPLICATE-DMP #1

Lab Sample ID: 480-69451-13

Matrix: Water

Date Collected: 10/14/14 13:35

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 13:42	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 13:42	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 13:42	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 13:42	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 13:42	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 13:42	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 13:42	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 13:42	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 13:42	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 13:42	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 13:42	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		97		86 - 118				10/27/14 13:42	1
4-Bromofluorobenzene (Surr)		95		86 - 115				10/27/14 13:42	1
Toluene-d8 (Surr)		100		88 - 110				10/27/14 13:42	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/18/14 11:48	10/19/14 11:52	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/18/14 11:48	10/19/14 11:52	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:42	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:42	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:42	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:42	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:42	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 13:42	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 13:42	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene		81		24 - 150			10/18/14 08:04	10/20/14 13:42	1
DCB Decachlorobiphenyl		84		24 - 150			10/18/14 08:04	10/20/14 13:42	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.028		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:17	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:17	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.012		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 11:11	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 11:11	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 11:11	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 11:11	1
Selenium, Dissolved	0.0014	J	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 11:11	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: DUPLICATE-DMP #1

Lab Sample ID: 480-69451-13

Matrix: Water

Date Collected: 10/14/14 13:35

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.7		1.0	0.43	mg/L		11/05/14 20:35		1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.09				SU			10/14/14 13:35	1
Field Conductivity	1730				umhos/cm			10/14/14 13:35	1
Field Temperature	14.5				Degrees C			10/14/14 13:35	1
Field Turbidity	2.90				NTU			10/14/14 13:35	1
Oxidation Reduction Potential	11.1				millivolts			10/14/14 13:35	1
Oxygen, Dissolved	0.18				mg/L			10/14/14 13:35	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-230A

Date Collected: 10/14/14 15:16

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-14

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 14:05	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 14:05	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 14:05	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 14:05	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 14:05	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 14:05	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 14:05	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 14:05	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 14:05	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 14:05	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 14:05	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 14:05	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 14:05	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 14:05	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 14:05	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 14:05	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 14:05	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 14:05	1
Acetone	ND		10	3.0	ug/L			10/27/14 14:05	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 14:05	1
Acrolein	ND		20	0.91	ug/L			10/27/14 14:05	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 14:05	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 14:05	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 14:05	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 14:05	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 14:05	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 14:05	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 14:05	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 14:05	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 14:05	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 14:05	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 14:05	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 14:05	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 14:05	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 14:05	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 14:05	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 14:05	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 14:05	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 14:05	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 14:05	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 14:05	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 14:05	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 14:05	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 14:05	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 14:05	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 14:05	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 14:05	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 14:05	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 14:05	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-230A

Lab Sample ID: 480-69451-14

Matrix: Water

Date Collected: 10/14/14 15:16

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 14:05	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 14:05	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 14:05	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 14:05	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 14:05	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 14:05	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 14:05	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 14:05	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 14:05	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 14:05	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 14:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		86 - 118					10/27/14 14:05	1
4-Bromofluorobenzene (Surr)	94		86 - 115					10/27/14 14:05	1
Toluene-d8 (Surr)	97		88 - 110					10/27/14 14:05	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/18/14 11:48	10/19/14 12:19	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/18/14 11:48	10/19/14 12:19	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:57	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:57	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:57	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:57	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 13:57	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 13:57	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 13:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		24 - 150				10/18/14 08:04	10/20/14 13:57	1
DCB Decachlorobiphenyl	85		24 - 150				10/18/14 08:04	10/20/14 13:57	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.031		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:28	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:28	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0043		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 11:16	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 11:16	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 11:16	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 11:16	1
Selenium, Dissolved	0.00073	J	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 11:16	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-230A

Lab Sample ID: 480-69451-14

Matrix: Water

Date Collected: 10/14/14 15:16

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.5		1.0	0.43	mg/L		11/05/14 21:02		1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.15				SU			10/14/14 15:16	1
Field Conductivity	1471				umhos/cm			10/14/14 15:16	1
Field Temperature	15.1				Degrees C			10/14/14 15:16	1
Field Turbidity	2.59				NTU			10/14/14 15:16	1
Oxidation Reduction Potential	-60.1				millivolts			10/14/14 15:16	1
Oxygen, Dissolved	0.09				mg/L			10/14/14 15:16	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-232A

Date Collected: 10/14/14 16:02

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-15

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 14:27	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 14:27	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 14:27	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 14:27	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 14:27	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 14:27	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 14:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 14:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 14:27	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 14:27	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 14:27	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 14:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 14:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 14:27	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 14:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 14:27	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 14:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 14:27	1
Acetone	ND		10	3.0	ug/L			10/27/14 14:27	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 14:27	1
Acrolein	ND		20	0.91	ug/L			10/27/14 14:27	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 14:27	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 14:27	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 14:27	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 14:27	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 14:27	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 14:27	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 14:27	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 14:27	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 14:27	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 14:27	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 14:27	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 14:27	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 14:27	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 14:27	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 14:27	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 14:27	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 14:27	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 14:27	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 14:27	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 14:27	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 14:27	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 14:27	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 14:27	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 14:27	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 14:27	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 14:27	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 14:27	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 14:27	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-232A

Lab Sample ID: 480-69451-15

Matrix: Water

Date Collected: 10/14/14 16:02

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 14:27	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 14:27	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 14:27	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 14:27	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 14:27	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 14:27	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 14:27	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 14:27	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 14:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 14:27	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 14:27	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		86 - 118					10/27/14 14:27	1
4-Bromofluorobenzene (Surr)	94		86 - 115					10/27/14 14:27	1
Toluene-d8 (Surr)	98		88 - 110					10/27/14 14:27	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 12:46	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 12:46	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 14:13	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 14:13	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 14:13	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 14:13	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:04	10/20/14 14:13	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 14:13	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:04	10/20/14 14:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		24 - 150				10/18/14 08:04	10/20/14 14:13	1
DCB Decachlorobiphenyl	88		24 - 150				10/18/14 08:04	10/20/14 14:13	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.029		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:31	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:31	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0094		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 11:22	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 11:22	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 11:22	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 11:22	1
Selenium, Dissolved	0.0027	J	0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 11:22	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-232A

Lab Sample ID: 480-69451-15

Date Collected: 10/14/14 16:02

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.2		1.0	0.43	mg/L			11/08/14 16:16	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.04				SU			10/14/14 16:02	1
Field Conductivity	1845				umhos/cm			10/14/14 16:02	1
Field Temperature	14.5				Degrees C			10/14/14 16:02	1
Field Turbidity	3.26				NTU			10/14/14 16:02	1
Oxidation Reduction Potential	-29.8				millivolts			10/14/14 16:02	1
Oxygen, Dissolved	0.05				mg/L			10/14/14 16:02	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-211BR

Date Collected: 10/13/14 15:00

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-16

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 17:09	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 17:09	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 17:09	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 17:09	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 17:09	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 17:09	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 17:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 17:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 17:09	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 17:09	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 17:09	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 17:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 17:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 17:09	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 17:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 17:09	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 17:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 17:09	1
Acetone	ND		10	3.0	ug/L			10/27/14 17:09	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 17:09	1
Acrolein	ND		20	0.91	ug/L			10/27/14 17:09	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 17:09	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 17:09	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 17:09	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 17:09	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 17:09	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 17:09	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 17:09	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 17:09	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 17:09	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 17:09	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 17:09	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 17:09	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 17:09	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 17:09	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 17:09	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 17:09	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 17:09	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 17:09	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 17:09	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 17:09	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 17:09	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 17:09	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 17:09	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 17:09	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 17:09	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 17:09	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 17:09	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 17:09	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-211BR

Lab Sample ID: 480-69451-16

Matrix: Water

Date Collected: 10/13/14 15:00

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 17:09	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 17:09	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 17:09	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 17:09	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 17:09	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 17:09	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 17:09	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 17:09	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 17:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 17:09	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 17:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		86 - 118					10/27/14 17:09	1
4-Bromofluorobenzene (Surr)	107		86 - 115					10/27/14 17:09	1
Toluene-d8 (Surr)	96		88 - 110					10/27/14 17:09	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 13:14	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 13:14	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 09:53	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 09:53	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 09:53	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 09:53	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 09:53	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 09:53	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 09:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		24 - 150				10/18/14 08:16	10/20/14 09:53	1
DCB Decachlorobiphenyl	88		24 - 150				10/18/14 08:16	10/20/14 09:53	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.046		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:34	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:34	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.00051	J	0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 01:46	1
Cadmium, Dissolved	0.00015	J	0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 01:46	1
Lead, Dissolved	0.00027	J	0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 01:46	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 01:46	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:03	10/28/14 01:46	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-211BR

Lab Sample ID: 480-69451-16

Date Collected: 10/13/14 15:00

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.3		1.0	0.43	mg/L			11/05/14 21:56	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.08				SU			10/13/14 15:00	1
Field Conductivity	930				umhos/cm			10/13/14 15:00	1
Field Temperature	15.6				Degrees C			10/13/14 15:00	1
Field Turbidity	8.58				NTU			10/13/14 15:00	1
Oxidation Reduction Potential	43.7				millivolts			10/13/14 15:00	1
Oxygen, Dissolved	0.58				mg/L			10/13/14 15:00	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-408

Date Collected: 10/14/14 09:50

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-17

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND	H	2.0	0.35	ug/L			10/31/14 13:50	1
1,1,1-Trichloroethane	ND	H	2.0	0.82	ug/L			10/31/14 13:50	1
1,1,2,2-Tetrachloroethane	ND	H	2.0	0.21	ug/L			10/31/14 13:50	1
1,1,2-Trichloroethane	ND	H	2.0	0.23	ug/L			10/31/14 13:50	1
1,1-Dichloroethane	ND	H	2.0	0.38	ug/L			10/31/14 13:50	1
1,1-Dichloroethene	ND	H	2.0	0.29	ug/L			10/31/14 13:50	1
1,2,3-Trichloropropane	ND	H	2.0	0.89	ug/L			10/31/14 13:50	1
1,2,4-Trichlorobenzene	ND	H	1.0	0.41	ug/L			10/31/14 13:50	1
1,2-Dichlorobenzene	ND	H	1.0	0.79	ug/L			10/31/14 13:50	1
1,2-Dichloroethane	ND	H	2.0	0.21	ug/L			10/31/14 13:50	1
1,2-Dichloroethene, Total	ND	H	2.0	0.81	ug/L			10/31/14 13:50	1
1,2-Dichloropropane	ND	H	2.0	0.72	ug/L			10/31/14 13:50	1
1,3-Dichlorobenzene	ND	H	1.0	0.78	ug/L			10/31/14 13:50	1
1,4-Dichlorobenzene	ND	H	1.0	0.84	ug/L			10/31/14 13:50	1
1,4-Dioxane	ND	H	40	9.3	ug/L			10/31/14 13:50	1
2-Butanone (MEK)	ND	H	10	1.3	ug/L			10/31/14 13:50	1
Chloroprene	ND	H	2.0	0.49	ug/L			10/31/14 13:50	1
2-Hexanone	ND	H *	10	1.2	ug/L			10/31/14 13:50	1
4-Methyl-2-pentanone (MIBK)	ND	H	10	2.1	ug/L			10/31/14 13:50	1
Acetone	ND	H	10	3.0	ug/L			10/31/14 13:50	1
Acetonitrile	ND	H	170	4.9	ug/L			10/31/14 13:50	1
Acrolein	ND	H	20	0.91	ug/L			10/31/14 13:50	1
Acrylonitrile	ND	H	20	0.83	ug/L			10/31/14 13:50	1
Benzene	ND	H	2.0	0.41	ug/L			10/31/14 13:50	1
Bromoform	ND	H	2.0	0.26	ug/L			10/31/14 13:50	1
Bromomethane	ND	H	2.0	0.69	ug/L			10/31/14 13:50	1
Carbon disulfide	ND	H	2.0	0.19	ug/L			10/31/14 13:50	1
Carbon tetrachloride	ND	H	2.0	0.27	ug/L			10/31/14 13:50	1
Chlorobenzene	ND	H	2.0	0.75	ug/L			10/31/14 13:50	1
Dibromochloromethane	ND	H	2.0	0.32	ug/L			10/31/14 13:50	1
Chloroethane	ND	H	2.0	0.32	ug/L			10/31/14 13:50	1
Chloroform	ND	H	2.0	0.34	ug/L			10/31/14 13:50	1
Chloromethane	ND	H	2.0	0.35	ug/L			10/31/14 13:50	1
Dibromomethane	ND	H	2.0	0.41	ug/L			10/31/14 13:50	1
Bromodichloromethane	ND	H	2.0	0.39	ug/L			10/31/14 13:50	1
Dichlorodifluoromethane	ND	H	2.0	0.68	ug/L			10/31/14 13:50	1
Ethyl methacrylate	ND	H	2.0	0.59	ug/L			10/31/14 13:50	1
Ethylbenzene	ND	H	2.0	0.74	ug/L			10/31/14 13:50	1
Hexachlorobutadiene	ND	H	1.0	0.28	ug/L			10/31/14 13:50	1
Iodomethane	ND	H	2.0	0.30	ug/L			10/31/14 13:50	1
Isobutyl alcohol	ND	H	1000	4.8	ug/L			10/31/14 13:50	1
Methacrylonitrile	ND	H	10	0.69	ug/L			10/31/14 13:50	1
Methyl methacrylate	ND	H	10	0.61	ug/L			10/31/14 13:50	1
Methylene Chloride	ND	H	2.0	0.44	ug/L			10/31/14 13:50	1
Naphthalene	ND	H	1.0	0.43	ug/L			10/31/14 13:50	1
Pentachloroethane	ND	H	1.0	0.34	ug/L			10/31/14 13:50	1
Propionitrile	ND	H	50	5.8	ug/L			10/31/14 13:50	1
Tetrachloroethene	ND	H	2.0	0.36	ug/L			10/31/14 13:50	1
Tetrahydrofuran	ND	H	5.0	1.3	ug/L			10/31/14 13:50	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-408

Date Collected: 10/14/14 09:50

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-17

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND	H	2.0	0.51	ug/L			10/31/14 13:50	1
trans-1,3-Dichloropropene	ND	H	2.0	0.37	ug/L			10/31/14 13:50	1
trans-1,4-Dichloro-2-butene	ND	H	5.0	0.22	ug/L			10/31/14 13:50	1
Trichloroethene	ND	H	2.0	0.46	ug/L			10/31/14 13:50	1
Trichlorofluoromethane	ND	H	2.0	0.88	ug/L			10/31/14 13:50	1
Vinyl acetate	ND	H	10	0.85	ug/L			10/31/14 13:50	1
Vinyl chloride	ND	H	1.0	0.90	ug/L			10/31/14 13:50	1
Xylenes, Total	ND	H	3.0	0.66	ug/L			10/31/14 13:50	1
cis-1,3-Dichloropropene	ND	H	2.0	0.36	ug/L			10/31/14 13:50	1
Styrene	ND	H	2.0	0.73	ug/L			10/31/14 13:50	1
Allyl chloride	ND	H *	2.0	0.44	ug/L			10/31/14 13:50	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		98		86 - 118				10/31/14 13:50	1
4-Bromofluorobenzene (Surr)		98		86 - 115				10/31/14 13:50	1
Toluene-d8 (Surr)		97		88 - 110				10/31/14 13:50	1

Method: 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		10	1.8	ug/L			10/27/14 14:49	5
1,1,1-Trichloroethane	ND		10	4.1	ug/L			10/27/14 14:49	5
1,1,2,2-Tetrachloroethane	ND		10	1.1	ug/L			10/27/14 14:49	5
1,1,2-Trichloroethane	ND		10	1.2	ug/L			10/27/14 14:49	5
1,1-Dichloroethane	ND		10	1.9	ug/L			10/27/14 14:49	5
1,1-Dichloroethene	ND		10	1.5	ug/L			10/27/14 14:49	5
1,2,3-Trichloropropane	ND		10	4.5	ug/L			10/27/14 14:49	5
1,2,4-Trichlorobenzene	ND		5.0	2.1	ug/L			10/27/14 14:49	5
1,2-Dichlorobenzene	ND		5.0	4.0	ug/L			10/27/14 14:49	5
1,2-Dichloroethane	ND		10	1.1	ug/L			10/27/14 14:49	5
1,2-Dichloroethene, Total	ND		10	4.1	ug/L			10/27/14 14:49	5
1,2-Dichloropropane	ND		10	3.6	ug/L			10/27/14 14:49	5
1,3-Dichlorobenzene	ND		5.0	3.9	ug/L			10/27/14 14:49	5
1,4-Dichlorobenzene	ND		5.0	4.2	ug/L			10/27/14 14:49	5
1,4-Dioxane	ND		200	47	ug/L			10/27/14 14:49	5
2-Butanone (MEK)	ND		50	6.6	ug/L			10/27/14 14:49	5
2-Hexanone	ND		50	6.2	ug/L			10/27/14 14:49	5
4-Methyl-2-pentanone (MIBK)	ND		50	11	ug/L			10/27/14 14:49	5
Acetone	ND		50	15	ug/L			10/27/14 14:49	5
Acetonitrile	ND		850	25	ug/L			10/27/14 14:49	5
Acrolein	ND		100	4.6	ug/L			10/27/14 14:49	5
Acrylonitrile	ND		100	4.2	ug/L			10/27/14 14:49	5
Allyl chloride	ND		10	2.2	ug/L			10/27/14 14:49	5
Benzene	ND		10	2.1	ug/L			10/27/14 14:49	5
Bromodichloromethane	ND		10	2.0	ug/L			10/27/14 14:49	5
Bromoform	ND		10	1.3	ug/L			10/27/14 14:49	5
Bromomethane	ND		10	3.5	ug/L			10/27/14 14:49	5
Carbon disulfide	ND		10	0.95	ug/L			10/27/14 14:49	5
Carbon tetrachloride	ND		10	1.4	ug/L			10/27/14 14:49	5
Chlorobenzene	ND		10	3.8	ug/L			10/27/14 14:49	5
Chloroethane	ND		10	1.6	ug/L			10/27/14 14:49	5

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-408

Date Collected: 10/14/14 09:50

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-17

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroform	ND		10	1.7	ug/L		10/27/14 14:49		5
Chloromethane	ND		10	1.8	ug/L		10/27/14 14:49		5
Chloroprene	ND		10	2.5	ug/L		10/27/14 14:49		5
cis-1,3-Dichloropropene	ND		10	1.8	ug/L		10/27/14 14:49		5
Dibromochloromethane	ND		10	1.6	ug/L		10/27/14 14:49		5
Dibromomethane	ND		10	2.1	ug/L		10/27/14 14:49		5
Dichlorodifluoromethane	ND		10	3.4	ug/L		10/27/14 14:49		5
Ethyl methacrylate	ND		10	3.0	ug/L		10/27/14 14:49		5
Ethylbenzene	ND		10	3.7	ug/L		10/27/14 14:49		5
Hexachlorobutadiene	ND		5.0	1.4	ug/L		10/27/14 14:49		5
Iodomethane	ND		10	1.5	ug/L		10/27/14 14:49		5
Isobutyl alcohol	ND		5000	24	ug/L		10/27/14 14:49		5
Methacrylonitrile	ND		50	3.5	ug/L		10/27/14 14:49		5
Methyl methacrylate	ND		50	3.1	ug/L		10/27/14 14:49		5
Methylene Chloride	ND		10	2.2	ug/L		10/27/14 14:49		5
Naphthalene	ND		5.0	2.2	ug/L		10/27/14 14:49		5
Pentachloroethane	ND		5.0	1.7	ug/L		10/27/14 14:49		5
Propionitrile	ND		250	29	ug/L		10/27/14 14:49		5
Styrene	ND		10	3.7	ug/L		10/27/14 14:49		5
Tetrachloroethene	ND		10	1.8	ug/L		10/27/14 14:49		5
Tetrahydrofuran	ND		25	6.3	ug/L		10/27/14 14:49		5
Toluene	ND		10	2.6	ug/L		10/27/14 14:49		5
trans-1,3-Dichloropropene	ND		10	1.9	ug/L		10/27/14 14:49		5
trans-1,4-Dichloro-2-butene	ND		25	1.1	ug/L		10/27/14 14:49		5
Trichloroethene	ND		10	2.3	ug/L		10/27/14 14:49		5
Trichlorofluoromethane	ND		10	4.4	ug/L		10/27/14 14:49		5
Vinyl acetate	ND		50	4.3	ug/L		10/27/14 14:49		5
Vinyl chloride	ND		5.0	4.5	ug/L		10/27/14 14:49		5
Xylenes, Total	ND		15	3.3	ug/L		10/27/14 14:49		5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		86 - 118		10/27/14 14:49	5
4-Bromofluorobenzene (Surr)	94		86 - 115		10/27/14 14:49	5
Toluene-d8 (Surr)	98		88 - 110		10/27/14 14:49	5

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 14:08	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 14:08	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:08	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:08	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:08	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:08	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:08	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 10:08	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 10:08	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-408

Date Collected: 10/14/14 09:50

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-17

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		24 - 150	10/18/14 08:16	10/20/14 10:08	1
DCB Decachlorobiphenyl	75		24 - 150	10/18/14 08:16	10/20/14 10:08	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.63		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:37	1
Chromium, Dissolved	0.0013	J	0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:37	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.066		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 02:16	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 02:16	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 02:16	1
Silver, Dissolved	0.000028	J	0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 02:16	1
Selenium, Dissolved	0.0039	J	0.015	0.00044	mg/L		10/17/14 12:03	12/09/14 14:23	1

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	22.2		1.0	0.43	mg/L			11/05/14 22:24	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.21				SU			10/14/14 09:50	1
Field Conductivity	3785				umhos/cm			10/14/14 09:50	1
Field Temperature	15.6				Degrees C			10/14/14 09:50	1
Field Turbidity	9.49				NTU			10/14/14 09:50	1
Oxidation Reduction Potential	-131.3				millivolts			10/14/14 09:50	1
Oxygen, Dissolved	0.01				mg/L			10/14/14 09:50	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-206AR

Date Collected: 10/14/14 16:30

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-18

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 15:12	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 15:12	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 15:12	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 15:12	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 15:12	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 15:12	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 15:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 15:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 15:12	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 15:12	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 15:12	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 15:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 15:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 15:12	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 15:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 15:12	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 15:12	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 15:12	1
Acetone	ND		10	3.0	ug/L			10/27/14 15:12	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 15:12	1
Acrolein	ND		20	0.91	ug/L			10/27/14 15:12	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 15:12	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 15:12	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 15:12	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 15:12	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 15:12	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 15:12	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 15:12	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 15:12	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 15:12	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 15:12	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 15:12	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 15:12	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 15:12	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 15:12	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 15:12	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 15:12	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 15:12	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 15:12	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 15:12	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 15:12	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 15:12	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 15:12	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 15:12	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 15:12	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 15:12	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 15:12	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 15:12	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 15:12	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-206AR

Lab Sample ID: 480-69451-18

Matrix: Water

Date Collected: 10/14/14 16:30

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 15:12	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 15:12	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 15:12	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 15:12	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 15:12	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 15:12	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 15:12	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 15:12	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 15:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 15:12	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 15:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		86 - 118					10/27/14 15:12	1
4-Bromofluorobenzene (Surr)	95		86 - 115					10/27/14 15:12	1
Toluene-d8 (Surr)	99		88 - 110					10/27/14 15:12	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 14:36	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 14:36	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:23	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:23	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:23	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:23	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:23	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 10:23	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 10:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	77		24 - 150				10/18/14 08:16	10/20/14 10:23	1
DCB Decachlorobiphenyl	91		24 - 150				10/18/14 08:16	10/20/14 10:23	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.010		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:40	1
Chromium, Dissolved	0.0012	J	0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:40	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0012		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 02:22	1
Cadmium, Dissolved	0.00012	J	0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 02:22	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 02:22	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 02:22	1
Selenium, Dissolved	0.00094	J	0.015	0.00044	mg/L		10/17/14 12:03	10/28/14 02:22	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-206AR

Lab Sample ID: 480-69451-18

Date Collected: 10/14/14 16:30

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.6		1.0	0.43	mg/L			11/05/14 22:51	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.69				SU			10/14/14 16:30	1
Field Conductivity	3331				umhos/cm			10/14/14 16:30	1
Field Temperature	14.6				Degrees C			10/14/14 16:30	1
Field Turbidity	5.66				NTU			10/14/14 16:30	1
Oxidation Reduction Potential	9.2				millivolts			10/14/14 16:30	1
Oxygen, Dissolved	0.08				mg/L			10/14/14 16:30	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-277A

Date Collected: 10/14/14 17:25

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-19

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 15:34	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 15:34	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 15:34	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 15:34	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 15:34	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 15:34	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 15:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 15:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 15:34	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 15:34	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 15:34	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 15:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 15:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 15:34	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 15:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 15:34	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 15:34	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 15:34	1
Acetone	ND		10	3.0	ug/L			10/27/14 15:34	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 15:34	1
Acrolein	ND		20	0.91	ug/L			10/27/14 15:34	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 15:34	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 15:34	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 15:34	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 15:34	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 15:34	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 15:34	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 15:34	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 15:34	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 15:34	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 15:34	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 15:34	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 15:34	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 15:34	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 15:34	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 15:34	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 15:34	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 15:34	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 15:34	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 15:34	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 15:34	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 15:34	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 15:34	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 15:34	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 15:34	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 15:34	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 15:34	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 15:34	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 15:34	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-277A

Lab Sample ID: 480-69451-19

Matrix: Water

Date Collected: 10/14/14 17:25

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 15:34	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 15:34	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 15:34	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 15:34	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 15:34	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 15:34	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 15:34	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 15:34	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 15:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 15:34	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 15:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		86 - 118					10/27/14 15:34	1
4-Bromofluorobenzene (Surr)	95		86 - 115					10/27/14 15:34	1
Toluene-d8 (Surr)	97		88 - 110					10/27/14 15:34	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 15:03	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 15:03	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:37	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:37	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:37	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:37	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 10:37	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 10:37	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 10:37	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		24 - 150				10/18/14 08:16	10/20/14 10:37	1
DCB Decachlorobiphenyl	91		24 - 150				10/18/14 08:16	10/20/14 10:37	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.027		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:43	1
Chromium, Dissolved	0.0013	J	0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:43	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0080		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 02:28	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 02:28	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 02:28	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 02:28	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:03	10/28/14 02:28	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-277A

Lab Sample ID: 480-69451-19

Matrix: Water

Date Collected: 10/14/14 17:25

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.5		1.0	0.43	mg/L			11/05/14 23:19	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.02				SU			10/14/14 17:25	1
Field Conductivity	1726				umhos/cm			10/14/14 17:25	1
Field Temperature	14.3				Degrees C			10/14/14 17:25	1
Field Turbidity	7.15				NTU			10/14/14 17:25	1
Oxidation Reduction Potential	-108.4				millivolts			10/14/14 17:25	1
Oxygen, Dissolved	0.01				mg/L			10/14/14 17:25	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-279

Date Collected: 10/14/14 18:10

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-20

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 15:57	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 15:57	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 15:57	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 15:57	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 15:57	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 15:57	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 15:57	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 15:57	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 15:57	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 15:57	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 15:57	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 15:57	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 15:57	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 15:57	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 15:57	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 15:57	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 15:57	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 15:57	1
Acetone	ND		10	3.0	ug/L			10/27/14 15:57	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 15:57	1
Acrolein	ND		20	0.91	ug/L			10/27/14 15:57	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 15:57	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 15:57	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 15:57	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 15:57	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 15:57	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 15:57	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 15:57	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 15:57	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 15:57	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 15:57	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 15:57	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 15:57	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 15:57	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 15:57	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 15:57	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 15:57	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 15:57	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 15:57	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 15:57	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 15:57	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 15:57	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 15:57	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 15:57	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 15:57	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 15:57	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 15:57	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 15:57	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 15:57	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-279

Lab Sample ID: 480-69451-20

Matrix: Water

Date Collected: 10/14/14 18:10

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 15:57	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 15:57	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 15:57	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 15:57	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 15:57	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 15:57	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 15:57	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 15:57	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 15:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 15:57	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 15:57	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		110		86 - 118				10/27/14 15:57	1
4-Bromofluorobenzene (Surr)		105		86 - 115				10/27/14 15:57	1
Toluene-d8 (Surr)		110		88 - 110				10/27/14 15:57	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:48	10/19/14 15:30	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:48	10/19/14 15:30	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 10:52	1
PCB-1221	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 10:52	1
PCB-1232	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 10:52	1
PCB-1242	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 10:52	1
PCB-1248	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 10:52	1
PCB-1254	ND		0.48	0.24	ug/L		10/18/14 08:16	10/20/14 10:52	1
PCB-1260	ND		0.48	0.24	ug/L		10/18/14 08:16	10/20/14 10:52	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene		78		24 - 150			10/18/14 08:16	10/20/14 10:52	1
DCB Decachlorobiphenyl		94		24 - 150			10/18/14 08:16	10/20/14 10:52	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.94		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 17:45	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:45	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.026		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 02:53	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 02:53	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 02:53	1
Silver, Dissolved	0.000039 J		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 02:53	1
Selenium, Dissolved	0.013 J		0.015	0.00044	mg/L		10/17/14 12:03	12/09/14 14:38	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-279

Lab Sample ID: 480-69451-20

Date Collected: 10/14/14 18:10

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.2		1.0	0.43	mg/L			11/05/14 23:46	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.05				SU			10/14/14 18:10	1
Field Conductivity	7857				umhos/cm			10/14/14 18:10	1
Field Temperature	14.8				Degrees C			10/14/14 18:10	1
Field Turbidity	4.22				NTU			10/14/14 18:10	1
Oxidation Reduction Potential	-76.3				millivolts			10/14/14 18:10	1
Oxygen, Dissolved	0.03				mg/L			10/14/14 18:10	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: TRIP BLANK

Date Collected: 10/14/14 00:00

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-21

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 16:19	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 16:19	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 16:19	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 16:19	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 16:19	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 16:19	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 16:19	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 16:19	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 16:19	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 16:19	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 16:19	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 16:19	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 16:19	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 16:19	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 16:19	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 16:19	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 16:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 16:19	1
Acetone	ND		10	3.0	ug/L			10/27/14 16:19	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 16:19	1
Acrolein	ND		20	0.91	ug/L			10/27/14 16:19	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 16:19	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 16:19	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 16:19	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 16:19	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 16:19	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 16:19	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 16:19	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 16:19	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 16:19	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 16:19	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 16:19	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 16:19	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 16:19	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 16:19	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 16:19	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 16:19	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 16:19	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 16:19	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 16:19	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 16:19	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 16:19	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 16:19	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 16:19	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 16:19	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 16:19	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 16:19	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 16:19	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 16:19	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: TRIP BLANK

Date Collected: 10/14/14 00:00

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-21

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 16:19	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 16:19	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 16:19	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 16:19	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 16:19	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 16:19	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 16:19	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 16:19	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 16:19	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 16:19	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 16:19	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		97		86 - 118				10/27/14 16:19	1
4-Bromofluorobenzene (Surr)		95		86 - 115				10/27/14 16:19	1
Toluene-d8 (Surr)		100		88 - 110				10/27/14 16:19	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:45	10/18/14 22:56	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:45	10/18/14 22:56	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-244R

Date Collected: 10/14/14 14:45

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-22

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 16:41	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 16:41	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 16:41	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 16:41	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 16:41	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 16:41	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 16:41	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 16:41	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 16:41	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 16:41	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 16:41	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 16:41	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 16:41	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 16:41	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 16:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 16:41	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 16:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 16:41	1
Acetone	ND		10	3.0	ug/L			10/27/14 16:41	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 16:41	1
Acrolein	ND		20	0.91	ug/L			10/27/14 16:41	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 16:41	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 16:41	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 16:41	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 16:41	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 16:41	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 16:41	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 16:41	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 16:41	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 16:41	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 16:41	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 16:41	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 16:41	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 16:41	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 16:41	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 16:41	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 16:41	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 16:41	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 16:41	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 16:41	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 16:41	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 16:41	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 16:41	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 16:41	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 16:41	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 16:41	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 16:41	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 16:41	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 16:41	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-244R

Lab Sample ID: 480-69451-22

Matrix: Water

Date Collected: 10/14/14 14:45

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 16:41	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 16:41	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 16:41	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 16:41	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 16:41	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 16:41	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 16:41	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 16:41	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 16:41	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 16:41	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 16:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		86 - 118					10/27/14 16:41	1
4-Bromofluorobenzene (Surr)	94		86 - 115					10/27/14 16:41	1
Toluene-d8 (Surr)	99		88 - 110					10/27/14 16:41	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:45	10/18/14 23:23	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:45	10/18/14 23:23	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 11:07	1
PCB-1221	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 11:07	1
PCB-1232	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 11:07	1
PCB-1242	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 11:07	1
PCB-1248	ND		0.48	0.17	ug/L		10/18/14 08:16	10/20/14 11:07	1
PCB-1254	ND		0.48	0.24	ug/L		10/18/14 08:16	10/20/14 11:07	1
PCB-1260	ND		0.48	0.24	ug/L		10/18/14 08:16	10/20/14 11:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	86		24 - 150				10/18/14 08:16	10/20/14 11:07	1
DCB Decachlorobiphenyl	97		24 - 150				10/18/14 08:16	10/20/14 11:07	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.022		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 19:00	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 19:00	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0027		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 02:59	1
Cadmium, Dissolved	0.000092 J		0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 02:59	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 02:59	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 02:59	1
Selenium, Dissolved	0.0033 J ^		0.015	0.00044	mg/L		10/17/14 12:03	10/28/14 02:59	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-244R

Lab Sample ID: 480-69451-22

Matrix: Water

Date Collected: 10/14/14 14:45

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L		11/08/14 03:14		1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.37				SU			10/14/14 14:45	1
Field Conductivity	1483				umhos/cm			10/14/14 14:45	1
Field Temperature	15.4				Degrees C			10/14/14 14:45	1
Field Turbidity	0.56				NTU			10/14/14 14:45	1
Oxidation Reduction Potential	-79.4				millivolts			10/14/14 14:45	1
Oxygen, Dissolved	0.13				mg/L			10/14/14 14:45	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-244ARR

Lab Sample ID: 480-69451-23

Matrix: Water

Date Collected: 10/14/14 15:26

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 17:04	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 17:04	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 17:04	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 17:04	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 17:04	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 17:04	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 17:04	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 17:04	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 17:04	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 17:04	1
1,2-Dichloroethene, Total	0.88 J		2.0	0.81	ug/L			10/27/14 17:04	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 17:04	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 17:04	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 17:04	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 17:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 17:04	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 17:04	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 17:04	1
Acetone	ND		10	3.0	ug/L			10/27/14 17:04	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 17:04	1
Acrolein	ND		20	0.91	ug/L			10/27/14 17:04	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 17:04	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 17:04	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 17:04	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 17:04	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 17:04	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 17:04	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 17:04	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 17:04	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 17:04	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 17:04	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 17:04	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 17:04	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 17:04	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 17:04	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 17:04	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 17:04	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 17:04	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 17:04	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 17:04	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 17:04	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 17:04	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 17:04	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 17:04	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 17:04	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 17:04	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 17:04	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 17:04	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 17:04	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-244ARR

Lab Sample ID: 480-69451-23

Date Collected: 10/14/14 15:26

Matrix: Water

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 17:04	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 17:04	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 17:04	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 17:04	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 17:04	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 17:04	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 17:04	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 17:04	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 17:04	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 17:04	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 17:04	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		97		86 - 118				10/27/14 17:04	1
4-Bromofluorobenzene (Surr)		94		86 - 115				10/27/14 17:04	1
Toluene-d8 (Surr)		99		88 - 110				10/27/14 17:04	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:45	10/18/14 23:51	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:45	10/18/14 23:51	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 11:22	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 11:22	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 11:22	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 11:22	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 11:22	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 11:22	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 11:22	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene		80		24 - 150			10/18/14 08:16	10/20/14 11:22	1
DCB Decachlorobiphenyl		86		24 - 150			10/18/14 08:16	10/20/14 11:22	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.056		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 19:11	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 19:11	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.012		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 03:05	1
Cadmium, Dissolved	0.000090 J		0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 03:05	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 03:05	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 03:05	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:03	10/29/14 07:10	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-244ARR

Lab Sample ID: 480-69451-23

Date Collected: 10/14/14 15:26

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.4		1.0	0.43	mg/L			11/08/14 18:07	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.98				SU			10/14/14 15:26	1
Field Conductivity	1403				umhos/cm			10/14/14 15:26	1
Field Temperature	15.1				Degrees C			10/14/14 15:26	1
Field Turbidity	1.96				NTU			10/14/14 15:26	1
Oxidation Reduction Potential	-86.9				millivolts			10/14/14 15:26	1
Oxygen, Dissolved	0.06				mg/L			10/14/14 15:26	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-250

Date Collected: 10/14/14 16:13

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-24

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 17:26	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 17:26	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 17:26	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 17:26	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 17:26	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 17:26	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 17:26	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 17:26	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 17:26	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 17:26	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 17:26	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 17:26	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 17:26	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 17:26	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 17:26	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 17:26	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 17:26	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 17:26	1
Acetone	ND		10	3.0	ug/L			10/27/14 17:26	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 17:26	1
Acrolein	ND		20	0.91	ug/L			10/27/14 17:26	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 17:26	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 17:26	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 17:26	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 17:26	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 17:26	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 17:26	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 17:26	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 17:26	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 17:26	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 17:26	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 17:26	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 17:26	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 17:26	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 17:26	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 17:26	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 17:26	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 17:26	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 17:26	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 17:26	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 17:26	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 17:26	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 17:26	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 17:26	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 17:26	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 17:26	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 17:26	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 17:26	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 17:26	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-250

Lab Sample ID: 480-69451-24

Matrix: Water

Date Collected: 10/14/14 16:13

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 17:26	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 17:26	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 17:26	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 17:26	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 17:26	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 17:26	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 17:26	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 17:26	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 17:26	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 17:26	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 17:26	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		86 - 118					10/27/14 17:26	1
4-Bromofluorobenzene (Surr)	94		86 - 115					10/27/14 17:26	1
Toluene-d8 (Surr)	97		88 - 110					10/27/14 17:26	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:45	10/19/14 00:18	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:45	10/19/14 00:18	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		10/18/14 08:16	10/20/14 12:06	1
PCB-1221	ND		0.47	0.17	ug/L		10/18/14 08:16	10/20/14 12:06	1
PCB-1232	ND		0.47	0.17	ug/L		10/18/14 08:16	10/20/14 12:06	1
PCB-1242	ND		0.47	0.17	ug/L		10/18/14 08:16	10/20/14 12:06	1
PCB-1248	ND		0.47	0.17	ug/L		10/18/14 08:16	10/20/14 12:06	1
PCB-1254	ND		0.47	0.24	ug/L		10/18/14 08:16	10/20/14 12:06	1
PCB-1260	ND		0.47	0.24	ug/L		10/18/14 08:16	10/20/14 12:06	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		24 - 150				10/18/14 08:16	10/20/14 12:06	1
DCB Decachlorobiphenyl	92		24 - 150				10/18/14 08:16	10/20/14 12:06	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.045		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 19:14	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 19:14	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0017		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 03:11	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 03:11	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 03:11	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 03:11	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:03	10/29/14 07:16	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-250

Lab Sample ID: 480-69451-24

Date Collected: 10/14/14 16:13

Matrix: Water

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.76	J	1.0	0.43	mg/L			11/08/14 23:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.21				SU			10/14/14 16:13	1
Field Conductivity	1023				umhos/cm			10/14/14 16:13	1
Field Temperature	14.4				Degrees C			10/14/14 16:13	1
Field Turbidity	1.16				NTU			10/14/14 16:13	1
Oxidation Reduction Potential	-11.6				millivolts			10/14/14 16:13	1
Oxygen, Dissolved	0.15				mg/L			10/14/14 16:13	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-250A

Date Collected: 10/14/14 16:54

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-25

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 17:48	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 17:48	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 17:48	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 17:48	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 17:48	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 17:48	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 17:48	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 17:48	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 17:48	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 17:48	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 17:48	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 17:48	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 17:48	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 17:48	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 17:48	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 17:48	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 17:48	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 17:48	1
Acetone	ND		10	3.0	ug/L			10/27/14 17:48	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 17:48	1
Acrolein	ND		20	0.91	ug/L			10/27/14 17:48	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 17:48	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 17:48	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 17:48	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 17:48	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 17:48	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 17:48	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 17:48	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 17:48	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 17:48	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 17:48	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 17:48	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 17:48	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 17:48	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 17:48	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 17:48	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 17:48	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 17:48	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 17:48	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 17:48	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 17:48	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 17:48	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 17:48	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 17:48	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 17:48	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 17:48	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 17:48	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 17:48	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 17:48	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-250A

Lab Sample ID: 480-69451-25

Matrix: Water

Date Collected: 10/14/14 16:54

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 17:48	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 17:48	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 17:48	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 17:48	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 17:48	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 17:48	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 17:48	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 17:48	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 17:48	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 17:48	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 17:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		86 - 118					10/27/14 17:48	1
4-Bromofluorobenzene (Surr)	93		86 - 115					10/27/14 17:48	1
Toluene-d8 (Surr)	96		88 - 110					10/27/14 17:48	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/18/14 11:45	10/19/14 00:45	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/18/14 11:45	10/19/14 00:45	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.16	ug/L		10/18/14 08:16	10/20/14 12:21	1
PCB-1221	ND		0.47	0.16	ug/L		10/18/14 08:16	10/20/14 12:21	1
PCB-1232	ND		0.47	0.16	ug/L		10/18/14 08:16	10/20/14 12:21	1
PCB-1242	ND		0.47	0.16	ug/L		10/18/14 08:16	10/20/14 12:21	1
PCB-1248	ND		0.47	0.16	ug/L		10/18/14 08:16	10/20/14 12:21	1
PCB-1254	ND		0.47	0.23	ug/L		10/18/14 08:16	10/20/14 12:21	1
PCB-1260	ND		0.47	0.23	ug/L		10/18/14 08:16	10/20/14 12:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	82		24 - 150				10/18/14 08:16	10/20/14 12:21	1
DCB Decachlorobiphenyl	97		24 - 150				10/18/14 08:16	10/20/14 12:21	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.029		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 19:17	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 19:17	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0068		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 03:17	1
Cadmium, Dissolved	0.000087 J		0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 03:17	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 03:17	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 03:17	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:03	10/29/14 07:23	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-250A

Lab Sample ID: 480-69451-25

Matrix: Water

Date Collected: 10/14/14 16:54

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.85	J	1.0	0.43	mg/L			11/08/14 17:12	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.07				SU			10/14/14 16:54	1
Field Conductivity	1386				umhos/cm			10/14/14 16:54	1
Field Temperature	14.3				Degrees C			10/14/14 16:54	1
Field Turbidity	0.97				NTU			10/14/14 16:54	1
Oxidation Reduction Potential	-48.3				millivolts			10/14/14 16:54	1
Oxygen, Dissolved	0.04				mg/L			10/14/14 16:54	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-286C

Date Collected: 10/14/14 17:55

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-26

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 18:10	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 18:10	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 18:10	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 18:10	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 18:10	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 18:10	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 18:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 18:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 18:10	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 18:10	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 18:10	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 18:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 18:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 18:10	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 18:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 18:10	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 18:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 18:10	1
Acetone	ND		10	3.0	ug/L			10/27/14 18:10	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 18:10	1
Acrolein	ND		20	0.91	ug/L			10/27/14 18:10	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 18:10	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 18:10	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 18:10	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 18:10	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 18:10	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 18:10	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 18:10	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 18:10	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 18:10	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 18:10	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 18:10	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 18:10	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 18:10	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 18:10	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 18:10	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 18:10	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 18:10	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 18:10	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 18:10	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 18:10	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 18:10	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 18:10	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 18:10	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 18:10	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 18:10	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 18:10	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 18:10	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 18:10	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-286C

Lab Sample ID: 480-69451-26

Matrix: Water

Date Collected: 10/14/14 17:55

Date Received: 10/16/14 08:15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 18:10	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 18:10	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 18:10	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 18:10	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 18:10	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 18:10	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 18:10	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 18:10	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 18:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 18:10	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 18:10	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		97		86 - 118				10/27/14 18:10	1
4-Bromofluorobenzene (Surr)		93		86 - 115				10/27/14 18:10	1
Toluene-d8 (Surr)		98		88 - 110				10/27/14 18:10	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/18/14 11:45	10/19/14 01:13	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/18/14 11:45	10/19/14 01:13	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 12:36	1
PCB-1221	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 12:36	1
PCB-1232	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 12:36	1
PCB-1242	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 12:36	1
PCB-1248	ND		0.46	0.16	ug/L		10/18/14 08:16	10/20/14 12:36	1
PCB-1254	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 12:36	1
PCB-1260	ND		0.46	0.23	ug/L		10/18/14 08:16	10/20/14 12:36	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene		78		24 - 150			10/18/14 08:16	10/20/14 12:36	1
DCB Decachlorobiphenyl		92		24 - 150			10/18/14 08:16	10/20/14 12:36	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.13		0.0020	0.00070	mg/L		10/20/14 08:15	10/21/14 19:20	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 19:20	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0041		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 03:23	1
Cadmium, Dissolved	0.000099 J		0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 03:23	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 03:23	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 03:23	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:03	10/29/14 07:29	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-286C

Lab Sample ID: 480-69451-26

Matrix: Water

Date Collected: 10/14/14 17:55

Date Received: 10/16/14 08:15

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 13:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.3		1.0	0.43	mg/L			11/08/14 17:39	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.28				SU			10/14/14 17:55	1
Field Conductivity	1156				umhos/cm			10/14/14 17:55	1
Field Temperature	12.9				Degrees C			10/14/14 17:55	1
Field Turbidity	0.74				NTU			10/14/14 17:55	1
Oxidation Reduction Potential	-113.8				millivolts			10/14/14 17:55	1
Oxygen, Dissolved	0.05				mg/L			10/14/14 17:55	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-241R

Date Collected: 10/15/14 10:07

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/23/14 21:23	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/23/14 21:23	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/23/14 21:23	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/23/14 21:23	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/23/14 21:23	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/23/14 21:23	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/23/14 21:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/23/14 21:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/23/14 21:23	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/23/14 21:23	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/23/14 21:23	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/23/14 21:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/23/14 21:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/23/14 21:23	1
1,4-Dioxane	ND		40	9.3	ug/L			10/23/14 21:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/23/14 21:23	1
2-Hexanone	ND		10	1.2	ug/L			10/23/14 21:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/23/14 21:23	1
Acetone	ND		10	3.0	ug/L			10/23/14 21:23	1
Acetonitrile	ND		170	4.9	ug/L			10/23/14 21:23	1
Acrolein	ND		20	0.91	ug/L			10/23/14 21:23	1
Acrylonitrile	ND		20	0.83	ug/L			10/23/14 21:23	1
Allyl chloride	ND		2.0	0.44	ug/L			10/23/14 21:23	1
Benzene	ND		2.0	0.41	ug/L			10/23/14 21:23	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/23/14 21:23	1
Bromoform	ND		2.0	0.26	ug/L			10/23/14 21:23	1
Bromomethane	ND		2.0	0.69	ug/L			10/23/14 21:23	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/23/14 21:23	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/23/14 21:23	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/23/14 21:23	1
Chloroethane	ND		2.0	0.32	ug/L			10/23/14 21:23	1
Chloroform	ND		2.0	0.34	ug/L			10/23/14 21:23	1
Chloromethane	ND		2.0	0.35	ug/L			10/23/14 21:23	1
Chloroprene	ND		2.0	0.49	ug/L			10/23/14 21:23	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/23/14 21:23	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/23/14 21:23	1
Dibromomethane	ND		2.0	0.41	ug/L			10/23/14 21:23	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/23/14 21:23	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/23/14 21:23	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/23/14 21:23	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/23/14 21:23	1
Iodomethane	ND		2.0	0.30	ug/L			10/23/14 21:23	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/23/14 21:23	1
Methacrylonitrile	ND		10	0.69	ug/L			10/23/14 21:23	1
Methyl methacrylate	ND		10	0.61	ug/L			10/23/14 21:23	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/23/14 21:23	1
Naphthalene	ND		1.0	0.43	ug/L			10/23/14 21:23	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/23/14 21:23	1
Propionitrile	ND		50	5.8	ug/L			10/23/14 21:23	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-241R

Lab Sample ID: 480-69567-1

Matrix: Water

Date Collected: 10/15/14 10:07

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/23/14 21:23	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/23/14 21:23	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/23/14 21:23	1
Toluene	ND		2.0	0.51	ug/L			10/23/14 21:23	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/23/14 21:23	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/23/14 21:23	1
Trichloroethene	ND		2.0	0.46	ug/L			10/23/14 21:23	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/23/14 21:23	1
Vinyl acetate	ND		10	0.85	ug/L			10/23/14 21:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/23/14 21:23	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/23/14 21:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		86 - 118					10/23/14 21:23	1
4-Bromofluorobenzene (Surr)	92		86 - 115					10/23/14 21:23	1
Toluene-d8 (Surr)	104		88 - 110					10/23/14 21:23	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/22/14 14:54	10/23/14 11:06	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/22/14 14:54	10/23/14 11:06	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 04:49	1
PCB-1221	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 04:49	1
PCB-1232	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 04:49	1
PCB-1242	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 04:49	1
PCB-1248	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 04:49	1
PCB-1254	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 04:49	1
PCB-1260	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 04:49	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		24 - 150				10/23/14 14:32	10/25/14 04:49	1
DCB Decachlorobiphenyl	105		24 - 150				10/23/14 14:32	10/25/14 04:49	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.043		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:27	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:27	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0024		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 19:01	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 19:01	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 19:01	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 19:01	1
Selenium, Dissolved	0.0014	J	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 19:01	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-241R

Lab Sample ID: 480-69567-1

Date Collected: 10/15/14 10:07

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.83	J	1.0	0.43	mg/L			11/10/14 15:24	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.05				SU			10/15/14 10:07	1
Field Conductivity	997				umhos/cm			10/15/14 10:07	1
Field Temperature	13.7				Degrees C			10/15/14 10:07	1
Field Turbidity	3.16				NTU			10/15/14 10:07	1
Oxidation Reduction Potential	-159.0				millivolts			10/15/14 10:07	1
Oxygen, Dissolved	0.16				mg/L			10/15/14 10:07	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235CR

Lab Sample ID: 480-69567-2

Matrix: Water

Date Collected: 10/15/14 11:15

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/23/14 21:47	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/23/14 21:47	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/23/14 21:47	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/23/14 21:47	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/23/14 21:47	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/23/14 21:47	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/23/14 21:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/23/14 21:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/23/14 21:47	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/23/14 21:47	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/23/14 21:47	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/23/14 21:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/23/14 21:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/23/14 21:47	1
1,4-Dioxane	ND		40	9.3	ug/L			10/23/14 21:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/23/14 21:47	1
2-Hexanone	ND		10	1.2	ug/L			10/23/14 21:47	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/23/14 21:47	1
Acetone	ND		10	3.0	ug/L			10/23/14 21:47	1
Acetonitrile	ND		170	4.9	ug/L			10/23/14 21:47	1
Acrolein	ND		20	0.91	ug/L			10/23/14 21:47	1
Acrylonitrile	ND		20	0.83	ug/L			10/23/14 21:47	1
Allyl chloride	ND		2.0	0.44	ug/L			10/23/14 21:47	1
Benzene	ND		2.0	0.41	ug/L			10/23/14 21:47	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/23/14 21:47	1
Bromoform	ND		2.0	0.26	ug/L			10/23/14 21:47	1
Bromomethane	ND		2.0	0.69	ug/L			10/23/14 21:47	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/23/14 21:47	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/23/14 21:47	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/23/14 21:47	1
Chloroethane	ND		2.0	0.32	ug/L			10/23/14 21:47	1
Chloroform	ND		2.0	0.34	ug/L			10/23/14 21:47	1
Chloromethane	ND		2.0	0.35	ug/L			10/23/14 21:47	1
Chloroprene	ND		2.0	0.49	ug/L			10/23/14 21:47	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/23/14 21:47	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/23/14 21:47	1
Dibromomethane	ND		2.0	0.41	ug/L			10/23/14 21:47	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/23/14 21:47	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/23/14 21:47	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/23/14 21:47	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/23/14 21:47	1
Iodomethane	ND		2.0	0.30	ug/L			10/23/14 21:47	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/23/14 21:47	1
Methacrylonitrile	ND		10	0.69	ug/L			10/23/14 21:47	1
Methyl methacrylate	ND		10	0.61	ug/L			10/23/14 21:47	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/23/14 21:47	1
Naphthalene	ND		1.0	0.43	ug/L			10/23/14 21:47	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/23/14 21:47	1
Propionitrile	ND		50	5.8	ug/L			10/23/14 21:47	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235CR

Lab Sample ID: 480-69567-2

Matrix: Water

Date Collected: 10/15/14 11:15

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/23/14 21:47	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/23/14 21:47	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/23/14 21:47	1
Toluene	ND		2.0	0.51	ug/L			10/23/14 21:47	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/23/14 21:47	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/23/14 21:47	1
Trichloroethene	ND		2.0	0.46	ug/L			10/23/14 21:47	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/23/14 21:47	1
Vinyl acetate	ND		10	0.85	ug/L			10/23/14 21:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/23/14 21:47	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/23/14 21:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		86 - 118					10/23/14 21:47	1
4-Bromofluorobenzene (Surr)	87		86 - 115					10/23/14 21:47	1
Toluene-d8 (Surr)	98		88 - 110					10/23/14 21:47	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/22/14 14:54	10/23/14 12:00	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/22/14 14:54	10/23/14 12:00	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 05:04	1
PCB-1221	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 05:04	1
PCB-1232	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 05:04	1
PCB-1242	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 05:04	1
PCB-1248	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 05:04	1
PCB-1254	ND		0.48	0.24	ug/L		10/23/14 14:32	10/25/14 05:04	1
PCB-1260	ND		0.48	0.24	ug/L		10/23/14 14:32	10/25/14 05:04	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		24 - 150				10/23/14 14:32	10/25/14 05:04	1
DCB Decachlorobiphenyl	97		24 - 150				10/23/14 14:32	10/25/14 05:04	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.0098		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:29	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:29	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.00094	J	0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 19:06	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 19:06	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 19:06	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 19:06	1
Selenium, Dissolved	0.00046	J	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 19:06	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235CR

Lab Sample ID: 480-69567-2

Date Collected: 10/15/14 11:15

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.89	J	1.0	0.43	mg/L		11/10/14 16:20		1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.89				SU			10/15/14 11:15	1
Field Conductivity	1992				umhos/cm			10/15/14 11:15	1
Field Temperature	14.7				Degrees C			10/15/14 11:15	1
Field Turbidity	0.66				NTU			10/15/14 11:15	1
Oxidation Reduction Potential	52.8				millivolts			10/15/14 11:15	1
Oxygen, Dissolved	0.20				mg/L			10/15/14 11:15	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235BR

Date Collected: 10/15/14 12:07

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/23/14 22:11	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/23/14 22:11	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/23/14 22:11	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/23/14 22:11	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/23/14 22:11	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/23/14 22:11	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/23/14 22:11	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/23/14 22:11	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/23/14 22:11	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/23/14 22:11	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/23/14 22:11	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/23/14 22:11	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/23/14 22:11	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/23/14 22:11	1
1,4-Dioxane	ND		40	9.3	ug/L			10/23/14 22:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/23/14 22:11	1
2-Hexanone	ND		10	1.2	ug/L			10/23/14 22:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/23/14 22:11	1
Acetone	ND		10	3.0	ug/L			10/23/14 22:11	1
Acetonitrile	ND		170	4.9	ug/L			10/23/14 22:11	1
Acrolein	ND		20	0.91	ug/L			10/23/14 22:11	1
Acrylonitrile	ND		20	0.83	ug/L			10/23/14 22:11	1
Allyl chloride	ND		2.0	0.44	ug/L			10/23/14 22:11	1
Benzene	ND		2.0	0.41	ug/L			10/23/14 22:11	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/23/14 22:11	1
Bromoform	ND		2.0	0.26	ug/L			10/23/14 22:11	1
Bromomethane	ND		2.0	0.69	ug/L			10/23/14 22:11	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/23/14 22:11	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/23/14 22:11	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/23/14 22:11	1
Chloroethane	ND		2.0	0.32	ug/L			10/23/14 22:11	1
Chloroform	ND		2.0	0.34	ug/L			10/23/14 22:11	1
Chloromethane	ND		2.0	0.35	ug/L			10/23/14 22:11	1
Chloroprene	ND		2.0	0.49	ug/L			10/23/14 22:11	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/23/14 22:11	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/23/14 22:11	1
Dibromomethane	ND		2.0	0.41	ug/L			10/23/14 22:11	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/23/14 22:11	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/23/14 22:11	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/23/14 22:11	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/23/14 22:11	1
Iodomethane	ND		2.0	0.30	ug/L			10/23/14 22:11	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/23/14 22:11	1
Methacrylonitrile	ND		10	0.69	ug/L			10/23/14 22:11	1
Methyl methacrylate	ND		10	0.61	ug/L			10/23/14 22:11	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/23/14 22:11	1
Naphthalene	ND		1.0	0.43	ug/L			10/23/14 22:11	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/23/14 22:11	1
Propionitrile	ND		50	5.8	ug/L			10/23/14 22:11	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235BR

Lab Sample ID: 480-69567-3

Date Collected: 10/15/14 12:07

Matrix: Water

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/23/14 22:11	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/23/14 22:11	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/23/14 22:11	1
Toluene	ND		2.0	0.51	ug/L			10/23/14 22:11	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/23/14 22:11	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/23/14 22:11	1
Trichloroethene	ND		2.0	0.46	ug/L			10/23/14 22:11	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/23/14 22:11	1
Vinyl acetate	ND		10	0.85	ug/L			10/23/14 22:11	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/23/14 22:11	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/23/14 22:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		86 - 118					10/23/14 22:11	1
4-Bromofluorobenzene (Surr)	88		86 - 115					10/23/14 22:11	1
Toluene-d8 (Surr)	98		88 - 110					10/23/14 22:11	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/22/14 14:54	10/23/14 12:27	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/22/14 14:54	10/23/14 12:27	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 05:19	1
PCB-1221	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 05:19	1
PCB-1232	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 05:19	1
PCB-1242	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 05:19	1
PCB-1248	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 05:19	1
PCB-1254	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 05:19	1
PCB-1260	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 05:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	76		24 - 150				10/23/14 14:32	10/25/14 05:19	1
DCB Decachlorobiphenyl	98		24 - 150				10/23/14 14:32	10/25/14 05:19	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.011		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:32	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:32	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0038		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 19:12	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 19:12	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 19:12	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 19:12	1
Selenium, Dissolved	0.00063 J		0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 19:12	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235BR

Lab Sample ID: 480-69567-3

Date Collected: 10/15/14 12:07

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.6		1.0	0.43	mg/L		11/11/14 04:45		1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.96				SU		10/15/14 12:07		1
Field Conductivity	2150				umhos/cm		10/15/14 12:07		1
Field Temperature	13.9				Degrees C		10/15/14 12:07		1
Field Turbidity	0.96				NTU		10/15/14 12:07		1
Oxidation Reduction Potential	-9.8				millivolts		10/15/14 12:07		1
Oxygen, Dissolved	0.13				mg/L		10/15/14 12:07		1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235R

Date Collected: 10/15/14 12:59

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/23/14 22:35	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/23/14 22:35	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/23/14 22:35	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/23/14 22:35	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/23/14 22:35	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/23/14 22:35	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/23/14 22:35	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/23/14 22:35	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/23/14 22:35	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/23/14 22:35	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/23/14 22:35	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/23/14 22:35	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/23/14 22:35	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/23/14 22:35	1
1,4-Dioxane	ND		40	9.3	ug/L			10/23/14 22:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/23/14 22:35	1
2-Hexanone	ND		10	1.2	ug/L			10/23/14 22:35	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/23/14 22:35	1
Acetone	ND		10	3.0	ug/L			10/23/14 22:35	1
Acetonitrile	ND		170	4.9	ug/L			10/23/14 22:35	1
Acrolein	ND		20	0.91	ug/L			10/23/14 22:35	1
Acrylonitrile	ND		20	0.83	ug/L			10/23/14 22:35	1
Allyl chloride	ND		2.0	0.44	ug/L			10/23/14 22:35	1
Benzene	ND		2.0	0.41	ug/L			10/23/14 22:35	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/23/14 22:35	1
Bromoform	ND		2.0	0.26	ug/L			10/23/14 22:35	1
Bromomethane	ND		2.0	0.69	ug/L			10/23/14 22:35	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/23/14 22:35	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/23/14 22:35	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/23/14 22:35	1
Chloroethane	ND		2.0	0.32	ug/L			10/23/14 22:35	1
Chloroform	ND		2.0	0.34	ug/L			10/23/14 22:35	1
Chloromethane	ND		2.0	0.35	ug/L			10/23/14 22:35	1
Chloroprene	ND		2.0	0.49	ug/L			10/23/14 22:35	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/23/14 22:35	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/23/14 22:35	1
Dibromomethane	ND		2.0	0.41	ug/L			10/23/14 22:35	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/23/14 22:35	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/23/14 22:35	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/23/14 22:35	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/23/14 22:35	1
Iodomethane	ND		2.0	0.30	ug/L			10/23/14 22:35	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/23/14 22:35	1
Methacrylonitrile	ND		10	0.69	ug/L			10/23/14 22:35	1
Methyl methacrylate	ND		10	0.61	ug/L			10/23/14 22:35	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/23/14 22:35	1
Naphthalene	ND		1.0	0.43	ug/L			10/23/14 22:35	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/23/14 22:35	1
Propionitrile	ND		50	5.8	ug/L			10/23/14 22:35	1

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TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-235R

Lab Sample ID: 480-69567-4

Matrix: Water

Date Collected: 10/15/14 12:59

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/23/14 22:35	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/23/14 22:35	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/23/14 22:35	1
Toluene	ND		2.0	0.51	ug/L			10/23/14 22:35	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/23/14 22:35	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/23/14 22:35	1
Trichloroethene	ND		2.0	0.46	ug/L			10/23/14 22:35	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/23/14 22:35	1
Vinyl acetate	ND		10	0.85	ug/L			10/23/14 22:35	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/23/14 22:35	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/23/14 22:35	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		104		86 - 118				10/23/14 22:35	1
4-Bromofluorobenzene (Surr)		87		86 - 115				10/23/14 22:35	1
Toluene-d8 (Surr)		99		88 - 110				10/23/14 22:35	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/22/14 14:54	10/23/14 12:55	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/22/14 14:54	10/23/14 12:55	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:34	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:34	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:34	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:34	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:34	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 05:34	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 05:34	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene		81		24 - 150			10/23/14 14:32	10/25/14 05:34	1
DCB Decachlorobiphenyl		104		24 - 150			10/23/14 14:32	10/25/14 05:34	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.037		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:35	1
Chromium, Dissolved	0.0019	J	0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:35	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0038		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 19:18	1
Cadmium, Dissolved	0.00012	J	0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 19:18	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 19:18	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 19:18	1
Selenium, Dissolved	0.0054	J	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 19:18	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235R

Lab Sample ID: 480-69567-4

Date Collected: 10/15/14 12:59

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.2		1.0	0.43	mg/L			11/11/14 05:13	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.31				SU			10/15/14 12:59	1
Field Conductivity	1781				umhos/cm			10/15/14 12:59	1
Field Temperature	14.1				Degrees C			10/15/14 12:59	1
Field Turbidity	2.77				NTU			10/15/14 12:59	1
Oxidation Reduction Potential	-71.6				millivolts			10/15/14 12:59	1
Oxygen, Dissolved	0.41				mg/L			10/15/14 12:59	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-237

Date Collected: 10/15/14 14:00

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/23/14 22:58	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/23/14 22:58	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/23/14 22:58	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/23/14 22:58	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/23/14 22:58	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/23/14 22:58	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/23/14 22:58	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/23/14 22:58	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/23/14 22:58	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/23/14 22:58	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/23/14 22:58	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/23/14 22:58	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/23/14 22:58	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/23/14 22:58	1
1,4-Dioxane	ND		40	9.3	ug/L			10/23/14 22:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/23/14 22:58	1
2-Hexanone	ND		10	1.2	ug/L			10/23/14 22:58	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/23/14 22:58	1
Acetone	ND		10	3.0	ug/L			10/23/14 22:58	1
Acetonitrile	ND		170	4.9	ug/L			10/23/14 22:58	1
Acrolein	ND		20	0.91	ug/L			10/23/14 22:58	1
Acrylonitrile	ND		20	0.83	ug/L			10/23/14 22:58	1
Allyl chloride	ND		2.0	0.44	ug/L			10/23/14 22:58	1
Benzene	ND		2.0	0.41	ug/L			10/23/14 22:58	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/23/14 22:58	1
Bromoform	ND		2.0	0.26	ug/L			10/23/14 22:58	1
Bromomethane	ND		2.0	0.69	ug/L			10/23/14 22:58	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/23/14 22:58	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/23/14 22:58	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/23/14 22:58	1
Chloroethane	ND		2.0	0.32	ug/L			10/23/14 22:58	1
Chloroform	ND		2.0	0.34	ug/L			10/23/14 22:58	1
Chloromethane	ND		2.0	0.35	ug/L			10/23/14 22:58	1
Chloroprene	ND		2.0	0.49	ug/L			10/23/14 22:58	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/23/14 22:58	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/23/14 22:58	1
Dibromomethane	ND		2.0	0.41	ug/L			10/23/14 22:58	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/23/14 22:58	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/23/14 22:58	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/23/14 22:58	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/23/14 22:58	1
Iodomethane	ND		2.0	0.30	ug/L			10/23/14 22:58	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/23/14 22:58	1
Methacrylonitrile	ND		10	0.69	ug/L			10/23/14 22:58	1
Methyl methacrylate	ND		10	0.61	ug/L			10/23/14 22:58	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/23/14 22:58	1
Naphthalene	ND		1.0	0.43	ug/L			10/23/14 22:58	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/23/14 22:58	1
Propionitrile	ND		50	5.8	ug/L			10/23/14 22:58	1

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TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-237

Lab Sample ID: 480-69567-5

Date Collected: 10/15/14 14:00

Matrix: Water

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/23/14 22:58	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/23/14 22:58	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/23/14 22:58	1
Toluene	ND		2.0	0.51	ug/L			10/23/14 22:58	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/23/14 22:58	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/23/14 22:58	1
Trichloroethene	ND		2.0	0.46	ug/L			10/23/14 22:58	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/23/14 22:58	1
Vinyl acetate	ND		10	0.85	ug/L			10/23/14 22:58	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/23/14 22:58	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/23/14 22:58	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		104		86 - 118				10/23/14 22:58	1
4-Bromofluorobenzene (Surr)		91		86 - 115				10/23/14 22:58	1
Toluene-d8 (Surr)		100		88 - 110				10/23/14 22:58	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/22/14 14:54	10/23/14 13:22	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/22/14 14:54	10/23/14 13:22	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:49	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:49	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:49	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:49	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 05:49	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 05:49	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 05:49	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene		81		24 - 150			10/23/14 14:32	10/25/14 05:49	1
DCB Decachlorobiphenyl		106		24 - 150			10/23/14 14:32	10/25/14 05:49	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.027		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:38	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:38	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0017		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 19:42	1
Cadmium, Dissolved	0.00014 J		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 19:42	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 19:42	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 19:42	1
Selenium, Dissolved	0.0020 J		0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 19:42	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-237

Lab Sample ID: 480-69567-5

Date Collected: 10/15/14 14:00

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.2		1.0	0.43	mg/L			11/11/14 05:40	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.58				SU			10/15/14 14:00	1
Field Conductivity	1211				umhos/cm			10/15/14 14:00	1
Field Temperature	14.1				Degrees C			10/15/14 14:00	1
Field Turbidity	2.41				NTU			10/15/14 14:00	1
Oxidation Reduction Potential	-81.7				millivolts			10/15/14 14:00	1
Oxygen, Dissolved	0.27				mg/L			10/15/14 14:00	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-401A

Lab Sample ID: 480-69567-6

Matrix: Water

Date Collected: 10/15/14 10:40

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/23/14 23:22	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/23/14 23:22	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/23/14 23:22	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/23/14 23:22	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/23/14 23:22	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/23/14 23:22	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/23/14 23:22	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/23/14 23:22	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/23/14 23:22	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/23/14 23:22	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/23/14 23:22	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/23/14 23:22	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/23/14 23:22	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/23/14 23:22	1
1,4-Dioxane	ND		40	9.3	ug/L			10/23/14 23:22	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/23/14 23:22	1
2-Hexanone	ND		10	1.2	ug/L			10/23/14 23:22	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/23/14 23:22	1
Acetone	ND		10	3.0	ug/L			10/23/14 23:22	1
Acetonitrile	ND		170	4.9	ug/L			10/23/14 23:22	1
Acrolein	ND		20	0.91	ug/L			10/23/14 23:22	1
Acrylonitrile	ND		20	0.83	ug/L			10/23/14 23:22	1
Allyl chloride	ND		2.0	0.44	ug/L			10/23/14 23:22	1
Benzene	ND		2.0	0.41	ug/L			10/23/14 23:22	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/23/14 23:22	1
Bromoform	ND		2.0	0.26	ug/L			10/23/14 23:22	1
Bromomethane	ND		2.0	0.69	ug/L			10/23/14 23:22	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/23/14 23:22	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/23/14 23:22	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/23/14 23:22	1
Chloroethane	ND		2.0	0.32	ug/L			10/23/14 23:22	1
Chloroform	ND		2.0	0.34	ug/L			10/23/14 23:22	1
Chloromethane	ND		2.0	0.35	ug/L			10/23/14 23:22	1
Chloroprene	ND		2.0	0.49	ug/L			10/23/14 23:22	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/23/14 23:22	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/23/14 23:22	1
Dibromomethane	ND		2.0	0.41	ug/L			10/23/14 23:22	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/23/14 23:22	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/23/14 23:22	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/23/14 23:22	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/23/14 23:22	1
Iodomethane	ND		2.0	0.30	ug/L			10/23/14 23:22	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/23/14 23:22	1
Methacrylonitrile	ND		10	0.69	ug/L			10/23/14 23:22	1
Methyl methacrylate	ND		10	0.61	ug/L			10/23/14 23:22	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/23/14 23:22	1
Naphthalene	ND		1.0	0.43	ug/L			10/23/14 23:22	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/23/14 23:22	1
Propionitrile	ND		50	5.8	ug/L			10/23/14 23:22	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-401A

Lab Sample ID: 480-69567-6

Matrix: Water

Date Collected: 10/15/14 10:40

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/23/14 23:22	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/23/14 23:22	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/23/14 23:22	1
Toluene	ND		2.0	0.51	ug/L			10/23/14 23:22	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/23/14 23:22	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/23/14 23:22	1
Trichloroethene	ND		2.0	0.46	ug/L			10/23/14 23:22	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/23/14 23:22	1
Vinyl acetate	ND		10	0.85	ug/L			10/23/14 23:22	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/23/14 23:22	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/23/14 23:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		86 - 118					10/23/14 23:22	1
4-Bromofluorobenzene (Surr)	86		86 - 115					10/23/14 23:22	1
Toluene-d8 (Surr)	101		88 - 110					10/23/14 23:22	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/22/14 14:54	10/23/14 13:50	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/22/14 14:54	10/23/14 13:50	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 06:03	1
PCB-1221	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 06:03	1
PCB-1232	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 06:03	1
PCB-1242	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 06:03	1
PCB-1248	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 06:03	1
PCB-1254	ND		0.45	0.23	ug/L		10/23/14 14:32	10/25/14 06:03	1
PCB-1260	ND		0.45	0.23	ug/L		10/23/14 14:32	10/25/14 06:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		24 - 150				10/23/14 14:32	10/25/14 06:03	1
DCB Decachlorobiphenyl	106		24 - 150				10/23/14 14:32	10/25/14 06:03	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.040		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:41	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:41	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0023		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 19:47	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 19:47	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 19:47	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 19:47	1
Selenium, Dissolved	0.0029	J	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 19:47	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-401A

Lab Sample ID: 480-69567-6

Matrix: Water

Date Collected: 10/15/14 10:40

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.0		1.0	0.43	mg/L			11/09/14 03:46	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.80				SU			10/15/14 10:40	1
Field Conductivity	1843				umhos/cm			10/15/14 10:40	1
Field Temperature	16.7				Degrees C			10/15/14 10:40	1
Field Turbidity	0.55				NTU			10/15/14 10:40	1
Oxidation Reduction Potential	63.6				millivolts			10/15/14 10:40	1
Oxygen, Dissolved	0.00				mg/L			10/15/14 10:40	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-401B

Date Collected: 10/15/14 11:16

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-7

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/23/14 23:46	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/23/14 23:46	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/23/14 23:46	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/23/14 23:46	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/23/14 23:46	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/23/14 23:46	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/23/14 23:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/23/14 23:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/23/14 23:46	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/23/14 23:46	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/23/14 23:46	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/23/14 23:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/23/14 23:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/23/14 23:46	1
1,4-Dioxane	ND		40	9.3	ug/L			10/23/14 23:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/23/14 23:46	1
2-Hexanone	ND		10	1.2	ug/L			10/23/14 23:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/23/14 23:46	1
Acetone	ND		10	3.0	ug/L			10/23/14 23:46	1
Acetonitrile	ND		170	4.9	ug/L			10/23/14 23:46	1
Acrolein	ND		20	0.91	ug/L			10/23/14 23:46	1
Acrylonitrile	ND		20	0.83	ug/L			10/23/14 23:46	1
Allyl chloride	ND		2.0	0.44	ug/L			10/23/14 23:46	1
Benzene	ND		2.0	0.41	ug/L			10/23/14 23:46	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/23/14 23:46	1
Bromoform	ND		2.0	0.26	ug/L			10/23/14 23:46	1
Bromomethane	ND		2.0	0.69	ug/L			10/23/14 23:46	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/23/14 23:46	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/23/14 23:46	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/23/14 23:46	1
Chloroethane	ND		2.0	0.32	ug/L			10/23/14 23:46	1
Chloroform	ND		2.0	0.34	ug/L			10/23/14 23:46	1
Chloromethane	ND		2.0	0.35	ug/L			10/23/14 23:46	1
Chloroprene	ND		2.0	0.49	ug/L			10/23/14 23:46	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/23/14 23:46	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/23/14 23:46	1
Dibromomethane	ND		2.0	0.41	ug/L			10/23/14 23:46	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/23/14 23:46	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/23/14 23:46	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/23/14 23:46	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/23/14 23:46	1
Iodomethane	ND		2.0	0.30	ug/L			10/23/14 23:46	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/23/14 23:46	1
Methacrylonitrile	ND		10	0.69	ug/L			10/23/14 23:46	1
Methyl methacrylate	ND		10	0.61	ug/L			10/23/14 23:46	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/23/14 23:46	1
Naphthalene	ND		1.0	0.43	ug/L			10/23/14 23:46	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/23/14 23:46	1
Propionitrile	ND		50	5.8	ug/L			10/23/14 23:46	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-401B

Lab Sample ID: 480-69567-7

Matrix: Water

Date Collected: 10/15/14 11:16

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/23/14 23:46	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/23/14 23:46	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/23/14 23:46	1
Toluene	ND		2.0	0.51	ug/L			10/23/14 23:46	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/23/14 23:46	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/23/14 23:46	1
Trichloroethene	ND		2.0	0.46	ug/L			10/23/14 23:46	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/23/14 23:46	1
Vinyl acetate	ND		10	0.85	ug/L			10/23/14 23:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/23/14 23:46	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/23/14 23:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		86 - 118					10/23/14 23:46	1
4-Bromofluorobenzene (Surr)	88		86 - 115					10/23/14 23:46	1
Toluene-d8 (Surr)	100		88 - 110					10/23/14 23:46	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/22/14 14:54	10/23/14 14:44	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/22/14 14:54	10/23/14 14:44	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 06:48	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 06:48	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 06:48	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 06:48	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 06:48	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 06:48	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 06:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		24 - 150				10/23/14 14:32	10/25/14 06:48	1
DCB Decachlorobiphenyl	95		24 - 150				10/23/14 14:32	10/25/14 06:48	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.042		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:43	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:43	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0061		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 19:53	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 19:53	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 19:53	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 19:53	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 19:53	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-401B

Lab Sample ID: 480-69567-7

Matrix: Water

Date Collected: 10/15/14 11:16

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.94	J	1.0	0.43	mg/L		11/09/14 04:14		1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.10				SU			10/15/14 11:16	1
Field Conductivity	1363				umhos/cm			10/15/14 11:16	1
Field Temperature	15.3				Degrees C			10/15/14 11:16	1
Field Turbidity	11.3				NTU			10/15/14 11:16	1
Oxidation Reduction Potential	-53.1				millivolts			10/15/14 11:16	1
Oxygen, Dissolved	0.00				mg/L			10/15/14 11:16	1

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TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: DUPLICATE DMP #2

Lab Sample ID: 480-69567-8

Matrix: Water

Date Collected: 10/15/14 11:16

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/24/14 00:09	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 00:09	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 00:09	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 00:09	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 00:09	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 00:09	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 00:09	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 00:09	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 00:09	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 00:09	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 00:09	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 00:09	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 00:09	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 00:09	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 00:09	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 00:09	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 00:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 00:09	1
Acetone	ND		10	3.0	ug/L			10/24/14 00:09	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 00:09	1
Acrolein	ND		20	0.91	ug/L			10/24/14 00:09	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 00:09	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 00:09	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 00:09	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 00:09	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 00:09	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 00:09	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 00:09	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 00:09	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 00:09	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 00:09	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 00:09	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 00:09	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 00:09	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 00:09	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 00:09	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 00:09	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 00:09	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 00:09	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 00:09	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 00:09	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 00:09	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 00:09	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 00:09	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 00:09	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 00:09	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 00:09	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 00:09	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 00:09	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: DUPLICATE DMP #2

Lab Sample ID: 480-69567-8

Matrix: Water

Date Collected: 10/15/14 11:16

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/24/14 00:09	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 00:09	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 00:09	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 00:09	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 00:09	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 00:09	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 00:09	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 00:09	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 00:09	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 00:09	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 00:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		86 - 118					10/24/14 00:09	1
4-Bromofluorobenzene (Surr)	88		86 - 115					10/24/14 00:09	1
Toluene-d8 (Surr)	100		88 - 110					10/24/14 00:09	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/22/14 14:54	10/23/14 15:12	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/22/14 14:54	10/23/14 15:12	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:03	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:03	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:03	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:03	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:03	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 07:03	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 07:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	73		24 - 150				10/23/14 14:32	10/25/14 07:03	1
DCB Decachlorobiphenyl	95		24 - 150				10/23/14 14:32	10/25/14 07:03	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.042		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:46	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:46	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0062		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 19:58	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 19:58	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 19:58	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 19:58	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 19:58	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: DUPLICATE DMP #2

Lab Sample ID: 480-69567-8

Matrix: Water

Date Collected: 10/15/14 11:16

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.87	J	1.0	0.43	mg/L		11/11/14 04:01		1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.10				SU		10/15/14 11:16		1
Field Conductivity	1363				umhos/cm		10/15/14 11:16		1
Field Temperature	15.3				Degrees C		10/15/14 11:16		1
Field Turbidity	8.89				NTU		10/15/14 11:16		1
Oxidation Reduction Potential	-53.0				millivolts		10/15/14 11:16		1
Oxygen, Dissolved	0.00				mg/L		10/15/14 11:16		1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-233R

Lab Sample ID: 480-69567-9

Matrix: Water

Date Collected: 10/15/14 12:22

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/24/14 00:33	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 00:33	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 00:33	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 00:33	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 00:33	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 00:33	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 00:33	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 00:33	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 00:33	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 00:33	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 00:33	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 00:33	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 00:33	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 00:33	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 00:33	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 00:33	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 00:33	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 00:33	1
Acetone	ND		10	3.0	ug/L			10/24/14 00:33	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 00:33	1
Acrolein	ND		20	0.91	ug/L			10/24/14 00:33	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 00:33	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 00:33	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 00:33	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 00:33	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 00:33	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 00:33	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 00:33	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 00:33	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 00:33	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 00:33	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 00:33	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 00:33	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 00:33	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 00:33	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 00:33	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 00:33	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 00:33	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 00:33	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 00:33	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 00:33	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 00:33	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 00:33	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 00:33	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 00:33	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 00:33	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 00:33	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 00:33	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 00:33	1

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TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-233R

Lab Sample ID: 480-69567-9

Matrix: Water

Date Collected: 10/15/14 12:22

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/24/14 00:33	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 00:33	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 00:33	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 00:33	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 00:33	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 00:33	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 00:33	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 00:33	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 00:33	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 00:33	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 00:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		86 - 118					10/24/14 00:33	1
4-Bromofluorobenzene (Surr)	88		86 - 115					10/24/14 00:33	1
Toluene-d8 (Surr)	101		88 - 110					10/24/14 00:33	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/22/14 14:54	10/23/14 15:40	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/22/14 14:54	10/23/14 15:40	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:18	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:18	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:18	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:18	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 07:18	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 07:18	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 07:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	71		24 - 150				10/23/14 14:32	10/25/14 07:18	1
DCB Decachlorobiphenyl	96		24 - 150				10/23/14 14:32	10/25/14 07:18	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.41		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 20:49	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 20:49	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0062		0.0010	0.000078	mg/L		10/20/14 12:14	12/05/14 14:33	1
Cadmium, Dissolved	0.00013 J		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 20:04	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 20:04	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 20:04	1
Selenium, Dissolved	0.0036 J		0.015	0.00044	mg/L		10/20/14 12:14	12/05/14 14:33	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-233R

Lab Sample ID: 480-69567-9

Date Collected: 10/15/14 12:22

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	5.3		1.0	0.43	mg/L			11/11/14 04:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.39				SU			10/15/14 12:22	1
Field Conductivity	2132				umhos/cm			10/15/14 12:22	1
Field Temperature	15.2				Degrees C			10/15/14 12:22	1
Field Turbidity	5.64				NTU			10/15/14 12:22	1
Oxidation Reduction Potential	-82.9				millivolts			10/15/14 12:22	1
Oxygen, Dissolved	0.00				mg/L			10/15/14 12:22	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-233AR

Date Collected: 10/15/14 12:50

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-10

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L		10/24/14 00:57		1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L		10/24/14 00:57		1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L		10/24/14 00:57		1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L		10/24/14 00:57		1
1,1-Dichloroethane	ND		2.0	0.38	ug/L		10/24/14 00:57		1
1,1-Dichloroethene	ND		2.0	0.29	ug/L		10/24/14 00:57		1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L		10/24/14 00:57		1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L		10/24/14 00:57		1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L		10/24/14 00:57		1
1,2-Dichloroethane	ND		2.0	0.21	ug/L		10/24/14 00:57		1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L		10/24/14 00:57		1
1,2-Dichloropropane	ND		2.0	0.72	ug/L		10/24/14 00:57		1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L		10/24/14 00:57		1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L		10/24/14 00:57		1
1,4-Dioxane	ND		40	9.3	ug/L		10/24/14 00:57		1
2-Butanone (MEK)	ND		10	1.3	ug/L		10/24/14 00:57		1
2-Hexanone	ND		10	1.2	ug/L		10/24/14 00:57		1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L		10/24/14 00:57		1
Acetone	ND		10	3.0	ug/L		10/24/14 00:57		1
Acetonitrile	ND		170	4.9	ug/L		10/24/14 00:57		1
Acrolein	ND		20	0.91	ug/L		10/24/14 00:57		1
Acrylonitrile	ND		20	0.83	ug/L		10/24/14 00:57		1
Allyl chloride	ND		2.0	0.44	ug/L		10/24/14 00:57		1
Benzene	ND		2.0	0.41	ug/L		10/24/14 00:57		1
Bromodichloromethane	ND		2.0	0.39	ug/L		10/24/14 00:57		1
Bromoform	ND		2.0	0.26	ug/L		10/24/14 00:57		1
Bromomethane	ND		2.0	0.69	ug/L		10/24/14 00:57		1
Carbon disulfide	ND		2.0	0.19	ug/L		10/24/14 00:57		1
Carbon tetrachloride	ND		2.0	0.27	ug/L		10/24/14 00:57		1
Chlorobenzene	ND		2.0	0.75	ug/L		10/24/14 00:57		1
Chloroethane	ND		2.0	0.32	ug/L		10/24/14 00:57		1
Chloroform	ND		2.0	0.34	ug/L		10/24/14 00:57		1
Chloromethane	ND		2.0	0.35	ug/L		10/24/14 00:57		1
Chloroprene	ND		2.0	0.49	ug/L		10/24/14 00:57		1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L		10/24/14 00:57		1
Dibromochloromethane	ND		2.0	0.32	ug/L		10/24/14 00:57		1
Dibromomethane	ND		2.0	0.41	ug/L		10/24/14 00:57		1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L		10/24/14 00:57		1
Ethyl methacrylate	ND		2.0	0.59	ug/L		10/24/14 00:57		1
Ethylbenzene	ND		2.0	0.74	ug/L		10/24/14 00:57		1
Hexachlorobutadiene	ND		1.0	0.28	ug/L		10/24/14 00:57		1
Iodomethane	ND		2.0	0.30	ug/L		10/24/14 00:57		1
Isobutyl alcohol	ND		1000	4.8	ug/L		10/24/14 00:57		1
Methacrylonitrile	ND		10	0.69	ug/L		10/24/14 00:57		1
Methyl methacrylate	ND		10	0.61	ug/L		10/24/14 00:57		1
Methylene Chloride	ND		2.0	0.44	ug/L		10/24/14 00:57		1
Naphthalene	ND		1.0	0.43	ug/L		10/24/14 00:57		1
Pentachloroethane	ND		1.0	0.34	ug/L		10/24/14 00:57		1
Propionitrile	ND		50	5.8	ug/L		10/24/14 00:57		1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-233AR

Lab Sample ID: 480-69567-10

Matrix: Water

Date Collected: 10/15/14 12:50

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/24/14 00:57	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 00:57	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 00:57	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 00:57	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 00:57	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 00:57	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 00:57	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 00:57	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 00:57	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 00:57	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 00:57	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		86 - 118					10/24/14 00:57	1
4-Bromofluorobenzene (Surr)	89		86 - 115					10/24/14 00:57	1
Toluene-d8 (Surr)	103		88 - 110					10/24/14 00:57	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/22/14 14:54	10/23/14 16:07	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/22/14 14:54	10/23/14 16:07	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:33	1
PCB-1221	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:33	1
PCB-1232	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:33	1
PCB-1242	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:33	1
PCB-1248	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:33	1
PCB-1254	ND		0.45	0.22	ug/L		10/23/14 14:32	10/25/14 07:33	1
PCB-1260	ND		0.45	0.22	ug/L		10/23/14 14:32	10/25/14 07:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	78		24 - 150				10/23/14 14:32	10/25/14 07:33	1
DCB Decachlorobiphenyl	99		24 - 150				10/23/14 14:32	10/25/14 07:33	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.021		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:00	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:00	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.012		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 20:10	1
Cadmium, Dissolved	0.000076 J		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 20:10	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 20:10	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 20:10	1
Selenium, Dissolved	0.00078 J		0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 20:10	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-233AR

Lab Sample ID: 480-69567-10

Date Collected: 10/15/14 12:50

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.7		1.0	0.43	mg/L			11/11/14 06:07	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.11				SU			10/15/14 12:50	1
Field Conductivity	1519				umhos/cm			10/15/14 12:50	1
Field Temperature	15.9				Degrees C			10/15/14 12:50	1
Field Turbidity	7.69				NTU			10/15/14 12:50	1
Oxidation Reduction Potential	13.6				millivolts			10/15/14 12:50	1
Oxygen, Dissolved	1.24				mg/L			10/15/14 12:50	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-234R

Date Collected: 10/15/14 13:40

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-11

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/24/14 15:36	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 15:36	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 15:36	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 15:36	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 15:36	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 15:36	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 15:36	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 15:36	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 15:36	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 15:36	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 15:36	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 15:36	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 15:36	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 15:36	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 15:36	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 15:36	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 15:36	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 15:36	1
Acetone	ND		10	3.0	ug/L			10/24/14 15:36	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 15:36	1
Acrolein	ND		20	0.91	ug/L			10/24/14 15:36	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 15:36	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 15:36	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 15:36	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 15:36	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 15:36	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 15:36	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 15:36	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 15:36	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 15:36	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 15:36	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 15:36	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 15:36	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 15:36	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 15:36	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 15:36	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 15:36	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 15:36	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 15:36	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 15:36	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 15:36	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 15:36	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 15:36	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 15:36	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 15:36	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 15:36	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 15:36	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 15:36	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 15:36	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-234R

Lab Sample ID: 480-69567-11

Matrix: Water

Date Collected: 10/15/14 13:40

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/24/14 15:36	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 15:36	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 15:36	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 15:36	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 15:36	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 15:36	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 15:36	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 15:36	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 15:36	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 15:36	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 15:36	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		86 - 118					10/24/14 15:36	1
4-Bromofluorobenzene (Surr)	87		86 - 115					10/24/14 15:36	1
Toluene-d8 (Surr)	104		88 - 110					10/24/14 15:36	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/22/14 14:54	10/23/14 16:35	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/22/14 14:54	10/23/14 16:35	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:48	1
PCB-1221	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:48	1
PCB-1232	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:48	1
PCB-1242	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:48	1
PCB-1248	ND		0.45	0.16	ug/L		10/23/14 14:32	10/25/14 07:48	1
PCB-1254	ND		0.45	0.22	ug/L		10/23/14 14:32	10/25/14 07:48	1
PCB-1260	ND		0.45	0.22	ug/L		10/23/14 14:32	10/25/14 07:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	83		24 - 150				10/23/14 14:32	10/25/14 07:48	1
DCB Decachlorobiphenyl	100		24 - 150				10/23/14 14:32	10/25/14 07:48	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.046		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:03	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:03	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.010		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 20:15	1
Cadmium, Dissolved	0.00021 J		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 20:15	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 20:15	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 20:15	1
Selenium, Dissolved	0.0045 J		0.015	0.00044	mg/L		10/20/14 12:14	12/09/14 14:53	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-234R

Lab Sample ID: 480-69567-11

Matrix: Water

Date Collected: 10/15/14 13:40

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.2		1.0	0.43	mg/L			11/11/14 09:19	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.23				SU			10/15/14 13:40	1
Field Conductivity	4707				umhos/cm			10/15/14 13:40	1
Field Temperature	14.5				Degrees C			10/15/14 13:40	1
Field Turbidity	1.78				NTU			10/15/14 13:40	1
Oxidation Reduction Potential	3.8				millivolts			10/15/14 13:40	1
Oxygen, Dissolved	0.17				mg/L			10/15/14 13:40	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-234AR

Date Collected: 10/15/14 14:24

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-12

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/24/14 01:44	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 01:44	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 01:44	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 01:44	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 01:44	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 01:44	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 01:44	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 01:44	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 01:44	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 01:44	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 01:44	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 01:44	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 01:44	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 01:44	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 01:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 01:44	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 01:44	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 01:44	1
Acetone	ND		10	3.0	ug/L			10/24/14 01:44	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 01:44	1
Acrolein	ND		20	0.91	ug/L			10/24/14 01:44	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 01:44	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 01:44	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 01:44	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 01:44	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 01:44	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 01:44	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 01:44	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 01:44	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 01:44	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 01:44	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 01:44	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 01:44	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 01:44	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 01:44	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 01:44	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 01:44	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 01:44	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 01:44	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 01:44	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 01:44	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 01:44	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 01:44	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 01:44	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 01:44	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 01:44	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 01:44	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 01:44	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 01:44	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-234AR

Lab Sample ID: 480-69567-12

Matrix: Water

Date Collected: 10/15/14 14:24

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/24/14 01:44	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 01:44	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 01:44	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 01:44	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 01:44	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 01:44	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 01:44	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 01:44	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 01:44	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 01:44	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 01:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		86 - 118					10/24/14 01:44	1
4-Bromofluorobenzene (Surr)	87		86 - 115					10/24/14 01:44	1
Toluene-d8 (Surr)	101		88 - 110					10/24/14 01:44	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/23/14 13:41	10/23/14 21:58	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/23/14 21:58	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:03	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:03	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:03	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:03	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:03	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 08:03	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 08:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	74		24 - 150				10/23/14 14:32	10/25/14 08:03	1
DCB Decachlorobiphenyl	97		24 - 150				10/23/14 14:32	10/25/14 08:03	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.0095		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:06	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:06	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0047		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 20:20	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 20:20	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 20:20	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 20:20	1
Selenium, Dissolved	0.00096 J		0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 20:20	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-234AR

Lab Sample ID: 480-69567-12

Date Collected: 10/15/14 14:24

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.4		1.0	0.43	mg/L			11/09/14 01:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.78				SU			10/15/14 14:24	1
Field Conductivity	2945				umhos/cm			10/15/14 14:24	1
Field Temperature	14.9				Degrees C			10/15/14 14:24	1
Field Turbidity	3.16				NTU			10/15/14 14:24	1
Oxidation Reduction Potential	50.6				millivolts			10/15/14 14:24	1
Oxygen, Dissolved	0.00				mg/L			10/15/14 14:24	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-402A

Date Collected: 10/15/14 14:45

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-13

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L		10/24/14 02:07		1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L		10/24/14 02:07		1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L		10/24/14 02:07		1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L		10/24/14 02:07		1
1,1-Dichloroethane	ND		2.0	0.38	ug/L		10/24/14 02:07		1
1,1-Dichloroethene	ND		2.0	0.29	ug/L		10/24/14 02:07		1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L		10/24/14 02:07		1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L		10/24/14 02:07		1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L		10/24/14 02:07		1
1,2-Dichloroethane	ND		2.0	0.21	ug/L		10/24/14 02:07		1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L		10/24/14 02:07		1
1,2-Dichloropropane	ND		2.0	0.72	ug/L		10/24/14 02:07		1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L		10/24/14 02:07		1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L		10/24/14 02:07		1
1,4-Dioxane	ND		40	9.3	ug/L		10/24/14 02:07		1
2-Butanone (MEK)	ND		10	1.3	ug/L		10/24/14 02:07		1
2-Hexanone	ND		10	1.2	ug/L		10/24/14 02:07		1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L		10/24/14 02:07		1
Acetone	ND		10	3.0	ug/L		10/24/14 02:07		1
Acetonitrile	ND		170	4.9	ug/L		10/24/14 02:07		1
Acrolein	ND		20	0.91	ug/L		10/24/14 02:07		1
Acrylonitrile	ND		20	0.83	ug/L		10/24/14 02:07		1
Allyl chloride	ND		2.0	0.44	ug/L		10/24/14 02:07		1
Benzene	ND		2.0	0.41	ug/L		10/24/14 02:07		1
Bromodichloromethane	ND		2.0	0.39	ug/L		10/24/14 02:07		1
Bromoform	ND		2.0	0.26	ug/L		10/24/14 02:07		1
Bromomethane	ND		2.0	0.69	ug/L		10/24/14 02:07		1
Carbon disulfide	ND		2.0	0.19	ug/L		10/24/14 02:07		1
Carbon tetrachloride	ND		2.0	0.27	ug/L		10/24/14 02:07		1
Chlorobenzene	ND		2.0	0.75	ug/L		10/24/14 02:07		1
Chloroethane	ND		2.0	0.32	ug/L		10/24/14 02:07		1
Chloroform	ND		2.0	0.34	ug/L		10/24/14 02:07		1
Chloromethane	ND		2.0	0.35	ug/L		10/24/14 02:07		1
Chloroprene	ND		2.0	0.49	ug/L		10/24/14 02:07		1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L		10/24/14 02:07		1
Dibromochloromethane	ND		2.0	0.32	ug/L		10/24/14 02:07		1
Dibromomethane	ND		2.0	0.41	ug/L		10/24/14 02:07		1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L		10/24/14 02:07		1
Ethyl methacrylate	ND		2.0	0.59	ug/L		10/24/14 02:07		1
Ethylbenzene	ND		2.0	0.74	ug/L		10/24/14 02:07		1
Hexachlorobutadiene	ND		1.0	0.28	ug/L		10/24/14 02:07		1
Iodomethane	ND		2.0	0.30	ug/L		10/24/14 02:07		1
Isobutyl alcohol	ND		1000	4.8	ug/L		10/24/14 02:07		1
Methacrylonitrile	ND		10	0.69	ug/L		10/24/14 02:07		1
Methyl methacrylate	ND		10	0.61	ug/L		10/24/14 02:07		1
Methylene Chloride	ND		2.0	0.44	ug/L		10/24/14 02:07		1
Naphthalene	ND		1.0	0.43	ug/L		10/24/14 02:07		1
Pentachloroethane	ND		1.0	0.34	ug/L		10/24/14 02:07		1
Propionitrile	ND		50	5.8	ug/L		10/24/14 02:07		1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-402A

Lab Sample ID: 480-69567-13

Matrix: Water

Date Collected: 10/15/14 14:45

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/24/14 02:07	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 02:07	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 02:07	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 02:07	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 02:07	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 02:07	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 02:07	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 02:07	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 02:07	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 02:07	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 02:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		86 - 118					10/24/14 02:07	1
4-Bromofluorobenzene (Surr)	90		86 - 115					10/24/14 02:07	1
Toluene-d8 (Surr)	102		88 - 110					10/24/14 02:07	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/23/14 13:41	10/23/14 22:58	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/23/14 22:58	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 08:18	1
PCB-1221	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 08:18	1
PCB-1232	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 08:18	1
PCB-1242	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 08:18	1
PCB-1248	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 08:18	1
PCB-1254	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 08:18	1
PCB-1260	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 08:18	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		24 - 150				10/23/14 14:32	10/25/14 08:18	1
DCB Decachlorobiphenyl	94		24 - 150				10/23/14 14:32	10/25/14 08:18	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.011		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:08	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:08	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.017		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 20:26	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 20:26	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 20:26	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 20:26	1
Selenium, Dissolved	0.00075 J		0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 20:26	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-402A

Lab Sample ID: 480-69567-13

Matrix: Water

Date Collected: 10/15/14 14:45

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.5		1.0	0.43	mg/L			11/09/14 02:52	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.77				SU			10/15/14 14:45	1
Field Conductivity	3205				umhos/cm			10/15/14 14:45	1
Field Temperature	15.7				Degrees C			10/15/14 14:45	1
Field Turbidity	3.18				NTU			10/15/14 14:45	1
Oxidation Reduction Potential	-44.0				millivolts			10/15/14 14:45	1
Oxygen, Dissolved	0.11				mg/L			10/15/14 14:45	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-274

Date Collected: 10/15/14 10:05

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-14

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/24/14 02:32	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 02:32	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 02:32	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 02:32	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 02:32	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 02:32	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 02:32	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 02:32	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 02:32	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 02:32	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 02:32	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 02:32	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 02:32	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 02:32	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 02:32	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 02:32	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 02:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 02:32	1
Acetone	ND		10	3.0	ug/L			10/24/14 02:32	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 02:32	1
Acrolein	ND		20	0.91	ug/L			10/24/14 02:32	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 02:32	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 02:32	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 02:32	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 02:32	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 02:32	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 02:32	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 02:32	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 02:32	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 02:32	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 02:32	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 02:32	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 02:32	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 02:32	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 02:32	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 02:32	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 02:32	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 02:32	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 02:32	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 02:32	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 02:32	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 02:32	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 02:32	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 02:32	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 02:32	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 02:32	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 02:32	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 02:32	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 02:32	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-274

Lab Sample ID: 480-69567-14

Matrix: Water

Date Collected: 10/15/14 10:05

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/24/14 02:32	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 02:32	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 02:32	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 02:32	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 02:32	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 02:32	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 02:32	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 02:32	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 02:32	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 02:32	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 02:32	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		105		86 - 118				10/24/14 02:32	1
4-Bromofluorobenzene (Surr)		86		86 - 115				10/24/14 02:32	1
Toluene-d8 (Surr)		98		88 - 110				10/24/14 02:32	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/23/14 13:41	10/23/14 23:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/23/14 23:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.17	ug/L		10/23/14 14:32	10/25/14 08:32	1
PCB-1221	ND		0.47	0.17	ug/L		10/23/14 14:32	10/25/14 08:32	1
PCB-1232	ND		0.47	0.17	ug/L		10/23/14 14:32	10/25/14 08:32	1
PCB-1242	ND		0.47	0.17	ug/L		10/23/14 14:32	10/25/14 08:32	1
PCB-1248	ND		0.47	0.17	ug/L		10/23/14 14:32	10/25/14 08:32	1
PCB-1254	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 08:32	1
PCB-1260	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 08:32	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene		73		24 - 150			10/23/14 14:32	10/25/14 08:32	1
DCB Decachlorobiphenyl		93		24 - 150			10/23/14 14:32	10/25/14 08:32	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.40		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:11	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:11	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0033		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 20:31	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 20:31	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 20:31	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 20:31	1
Selenium, Dissolved	0.0047	J	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 20:31	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-274

Lab Sample ID: 480-69567-14

Date Collected: 10/15/14 10:05

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.6		1.0	0.43	mg/L			11/11/14 09:47	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.52				SU			10/15/14 10:05	1
Field Conductivity	1369				umhos/cm			10/15/14 10:05	1
Field Temperature	14.2				Degrees C			10/15/14 10:05	1
Field Turbidity	4.05				NTU			10/15/14 10:05	1
Oxidation Reduction Potential	-78.2				millivolts			10/15/14 10:05	1
Oxygen, Dissolved	0.11				mg/L			10/15/14 10:05	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-274A

Date Collected: 10/15/14 10:50

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-15

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/24/14 16:00	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 16:00	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 16:00	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 16:00	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 16:00	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 16:00	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 16:00	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 16:00	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 16:00	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 16:00	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 16:00	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 16:00	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 16:00	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 16:00	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 16:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 16:00	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 16:00	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 16:00	1
Acetone	ND		10	3.0	ug/L			10/24/14 16:00	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 16:00	1
Acrolein	ND		20	0.91	ug/L			10/24/14 16:00	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 16:00	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 16:00	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 16:00	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 16:00	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 16:00	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 16:00	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 16:00	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 16:00	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 16:00	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 16:00	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 16:00	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 16:00	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 16:00	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 16:00	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 16:00	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 16:00	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 16:00	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 16:00	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 16:00	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 16:00	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 16:00	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 16:00	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 16:00	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 16:00	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 16:00	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 16:00	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 16:00	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 16:00	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-274A

Lab Sample ID: 480-69567-15

Matrix: Water

Date Collected: 10/15/14 10:50

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/24/14 16:00	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 16:00	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 16:00	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 16:00	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 16:00	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 16:00	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 16:00	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 16:00	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 16:00	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 16:00	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 16:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		86 - 118					10/24/14 16:00	1
4-Bromofluorobenzene (Surr)	90		86 - 115					10/24/14 16:00	1
Toluene-d8 (Surr)	101		88 - 110					10/24/14 16:00	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/23/14 13:41	10/23/14 23:59	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/23/14 23:59	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:47	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:47	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:47	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:47	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 08:47	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 08:47	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 08:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	79		24 - 150				10/23/14 14:32	10/25/14 08:47	1
DCB Decachlorobiphenyl	102		24 - 150				10/23/14 14:32	10/25/14 08:47	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.025		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:14	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:14	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.089		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 20:56	1
Cadmium, Dissolved	0.000089 J		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 20:56	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 20:56	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 20:56	1
Selenium, Dissolved	0.00051 J		0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 20:56	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-274A

Lab Sample ID: 480-69567-15

Matrix: Water

Date Collected: 10/15/14 10:50

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.6		1.0	0.43	mg/L			11/11/14 10:14	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.96				SU			10/15/14 10:50	1
Field Conductivity	1741				umhos/cm			10/15/14 10:50	1
Field Temperature	14.0				Degrees C			10/15/14 10:50	1
Field Turbidity	19.4				NTU			10/15/14 10:50	1
Oxidation Reduction Potential	-45.4				millivolts			10/15/14 10:50	1
Oxygen, Dissolved	0.01				mg/L			10/15/14 10:50	1

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Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: DUPLICATE DMP #3

Date Collected: 10/15/14 10:50

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-16

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/24/14 16:24	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 16:24	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 16:24	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 16:24	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 16:24	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 16:24	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 16:24	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 16:24	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 16:24	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 16:24	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 16:24	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 16:24	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 16:24	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 16:24	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 16:24	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 16:24	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 16:24	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 16:24	1
Acetone	ND		10	3.0	ug/L			10/24/14 16:24	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 16:24	1
Acrolein	ND		20	0.91	ug/L			10/24/14 16:24	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 16:24	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 16:24	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 16:24	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 16:24	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 16:24	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 16:24	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 16:24	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 16:24	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 16:24	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 16:24	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 16:24	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 16:24	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 16:24	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 16:24	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 16:24	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 16:24	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 16:24	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 16:24	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 16:24	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 16:24	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 16:24	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 16:24	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 16:24	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 16:24	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 16:24	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 16:24	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 16:24	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 16:24	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: DUPLICATE DMP #3

Lab Sample ID: 480-69567-16

Matrix: Water

Date Collected: 10/15/14 10:50

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/24/14 16:24	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 16:24	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 16:24	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 16:24	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 16:24	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 16:24	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 16:24	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 16:24	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 16:24	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 16:24	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 16:24	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		106		86 - 118				10/24/14 16:24	1
4-Bromofluorobenzene (Surr)		86		86 - 115				10/24/14 16:24	1
Toluene-d8 (Surr)		99		88 - 110				10/24/14 16:24	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/23/14 13:41	10/24/14 00:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/24/14 00:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac	
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 09:02	1	
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 09:02	1	
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 09:02	1	
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 09:02	1	
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 09:02	1	
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 09:02	1	
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 09:02	1	
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
Tetrachloro-m-xylene		80		24 - 150				10/23/14 14:32	10/25/14 09:02	1
DCB Decachlorobiphenyl		100		24 - 150				10/23/14 14:32	10/25/14 09:02	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.024		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:17	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:17	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.086		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 21:01	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 21:01	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 21:01	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 21:01	1
Selenium, Dissolved	0.00062	J	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 21:01	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: DUPLICATE DMP #3

Lab Sample ID: 480-69567-16

Matrix: Water

Date Collected: 10/15/14 10:50

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.6		1.0	0.43	mg/L			11/11/14 10:41	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.96				SU			10/15/14 10:50	1
Field Conductivity	1741				umhos/cm			10/15/14 10:50	1
Field Temperature	14.0				Degrees C			10/15/14 10:50	1
Field Turbidity	18.9				NTU			10/15/14 10:50	1
Oxidation Reduction Potential	-45.4				millivolts			10/15/14 10:50	1
Oxygen, Dissolved	0.01				mg/L			10/15/14 10:50	1

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TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-281

Date Collected: 10/15/14 08:40

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-17

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 17:34	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 17:34	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 17:34	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 17:34	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 17:34	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 17:34	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 17:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 17:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 17:34	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 17:34	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 17:34	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 17:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 17:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 17:34	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 17:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 17:34	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 17:34	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 17:34	1
Acetone	ND		10	3.0	ug/L			10/27/14 17:34	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 17:34	1
Acrolein	ND		20	0.91	ug/L			10/27/14 17:34	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 17:34	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 17:34	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 17:34	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 17:34	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 17:34	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 17:34	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 17:34	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 17:34	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 17:34	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 17:34	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 17:34	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 17:34	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 17:34	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 17:34	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 17:34	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 17:34	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 17:34	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 17:34	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 17:34	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 17:34	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 17:34	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 17:34	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 17:34	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 17:34	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 17:34	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 17:34	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 17:34	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 17:34	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-281

Lab Sample ID: 480-69567-17

Matrix: Water

Date Collected: 10/15/14 08:40

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 17:34	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 17:34	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 17:34	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 17:34	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 17:34	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 17:34	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 17:34	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 17:34	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 17:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 17:34	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 17:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		86 - 118					10/27/14 17:34	1
4-Bromofluorobenzene (Surr)	106		86 - 115					10/27/14 17:34	1
Toluene-d8 (Surr)	93		88 - 110					10/27/14 17:34	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/23/14 13:41	10/24/14 00:59	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/24/14 00:59	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 09:47	1
PCB-1221	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 09:47	1
PCB-1232	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 09:47	1
PCB-1242	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 09:47	1
PCB-1248	ND		0.48	0.17	ug/L		10/23/14 14:32	10/25/14 09:47	1
PCB-1254	ND		0.48	0.24	ug/L		10/23/14 14:32	10/25/14 09:47	1
PCB-1260	ND		0.48	0.24	ug/L		10/23/14 14:32	10/25/14 09:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	72		24 - 150				10/23/14 14:32	10/25/14 09:47	1
DCB Decachlorobiphenyl	97		24 - 150				10/23/14 14:32	10/25/14 09:47	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.26		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:20	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:20	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0032		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 21:07	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 21:07	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 21:07	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 21:07	1
Selenium, Dissolved	0.0053	J	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 21:07	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-281

Lab Sample ID: 480-69567-17

Matrix: Water

Date Collected: 10/15/14 08:40

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	3.0		1.0	0.43	mg/L			11/11/14 11:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.23				SU			10/15/14 08:40	1
Field Conductivity	1735				umhos/cm			10/15/14 08:40	1
Field Temperature	14.2				Degrees C			10/15/14 08:40	1
Field Turbidity	2.14				NTU			10/15/14 08:40	1
Oxidation Reduction Potential	-84.4				millivolts			10/15/14 08:40	1
Oxygen, Dissolved	0.06				mg/L			10/15/14 08:40	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-281C

Date Collected: 10/15/14 09:15

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-18

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/24/14 17:12	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 17:12	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 17:12	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 17:12	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 17:12	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 17:12	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 17:12	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 17:12	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 17:12	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 17:12	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 17:12	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 17:12	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 17:12	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 17:12	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 17:12	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 17:12	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 17:12	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 17:12	1
Acetone	ND		10	3.0	ug/L			10/24/14 17:12	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 17:12	1
Acrolein	ND		20	0.91	ug/L			10/24/14 17:12	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 17:12	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 17:12	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 17:12	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 17:12	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 17:12	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 17:12	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 17:12	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 17:12	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 17:12	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 17:12	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 17:12	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 17:12	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 17:12	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 17:12	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 17:12	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 17:12	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 17:12	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 17:12	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 17:12	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 17:12	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 17:12	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 17:12	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 17:12	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 17:12	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 17:12	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 17:12	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 17:12	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 17:12	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-281C

Lab Sample ID: 480-69567-18

Matrix: Water

Date Collected: 10/15/14 09:15

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/24/14 17:12	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 17:12	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 17:12	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 17:12	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 17:12	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 17:12	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 17:12	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 17:12	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 17:12	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 17:12	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 17:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		86 - 118					10/24/14 17:12	1
4-Bromofluorobenzene (Surr)	86		86 - 115					10/24/14 17:12	1
Toluene-d8 (Surr)	98		88 - 110					10/24/14 17:12	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/23/14 13:41	10/23/14 21:28	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/23/14 21:28	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 10:02	1
PCB-1221	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 10:02	1
PCB-1232	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 10:02	1
PCB-1242	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 10:02	1
PCB-1248	ND		0.47	0.16	ug/L		10/23/14 14:32	10/25/14 10:02	1
PCB-1254	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 10:02	1
PCB-1260	ND		0.47	0.23	ug/L		10/23/14 14:32	10/25/14 10:02	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	85		24 - 150				10/23/14 14:32	10/25/14 10:02	1
DCB Decachlorobiphenyl	103		24 - 150				10/23/14 14:32	10/25/14 10:02	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.049		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:22	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:22	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0047		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 21:12	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 21:12	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 21:12	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 21:12	1
Selenium, Dissolved	0.00080 J		0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 21:12	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-281C

Lab Sample ID: 480-69567-18

Matrix: Water

Date Collected: 10/15/14 09:15

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.0		1.0	0.43	mg/L			11/08/14 19:29	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.12				SU			10/15/14 09:15	1
Field Conductivity	1388				umhos/cm			10/15/14 09:15	1
Field Temperature	14.0				Degrees C			10/15/14 09:15	1
Field Turbidity	0.91				NTU			10/15/14 09:15	1
Oxidation Reduction Potential	-59.7				millivolts			10/15/14 09:15	1
Oxygen, Dissolved	0.09				mg/L			10/15/14 09:15	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-404A

Date Collected: 10/15/14 12:40

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-19

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 17:59	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 17:59	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 17:59	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 17:59	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 17:59	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 17:59	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 17:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 17:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 17:59	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 17:59	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 17:59	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 17:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 17:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 17:59	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 17:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 17:59	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 17:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 17:59	1
Acetone	ND		10	3.0	ug/L			10/27/14 17:59	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 17:59	1
Acrolein	ND		20	0.91	ug/L			10/27/14 17:59	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 17:59	1
Allyl chloride	ND		2.0	0.44	ug/L			10/27/14 17:59	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 17:59	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 17:59	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 17:59	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 17:59	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 17:59	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 17:59	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 17:59	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 17:59	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 17:59	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 17:59	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 17:59	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/27/14 17:59	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 17:59	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 17:59	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 17:59	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 17:59	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 17:59	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 17:59	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 17:59	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 17:59	1
Methacrylonitrile	ND		10	0.69	ug/L			10/27/14 17:59	1
Methyl methacrylate	ND		10	0.61	ug/L			10/27/14 17:59	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/27/14 17:59	1
Naphthalene	ND		1.0	0.43	ug/L			10/27/14 17:59	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/27/14 17:59	1
Propionitrile	ND		50	5.8	ug/L			10/27/14 17:59	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-404A

Lab Sample ID: 480-69567-19

Matrix: Water

Date Collected: 10/15/14 12:40

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/27/14 17:59	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/27/14 17:59	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/27/14 17:59	1
Toluene	ND		2.0	0.51	ug/L			10/27/14 17:59	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/27/14 17:59	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/27/14 17:59	1
Trichloroethene	ND		2.0	0.46	ug/L			10/27/14 17:59	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/27/14 17:59	1
Vinyl acetate	ND		10	0.85	ug/L			10/27/14 17:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/27/14 17:59	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/27/14 17:59	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		111		86 - 118				10/27/14 17:59	1
4-Bromofluorobenzene (Surr)		105		86 - 115				10/27/14 17:59	1
Toluene-d8 (Surr)		94		88 - 110				10/27/14 17:59	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/23/14 13:41	10/24/14 01:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/23/14 13:41	10/24/14 01:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:16	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:16	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:16	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:16	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:16	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 10:16	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 10:16	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene		91		24 - 150			10/23/14 14:32	10/25/14 10:16	1
DCB Decachlorobiphenyl		105		24 - 150			10/23/14 14:32	10/25/14 10:16	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.048		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:44	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:44	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.00059	J	0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 21:40	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 21:40	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 21:40	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 21:40	1
Selenium, Dissolved	0.00070	J	0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 21:40	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-404A

Lab Sample ID: 480-69567-19

Matrix: Water

Date Collected: 10/15/14 12:40

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.1		1.0	0.43	mg/L			11/12/14 06:57	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.29				SU			10/15/14 12:40	1
Field Conductivity	1271				umhos/cm			10/15/14 12:40	1
Field Temperature	16.7				Degrees C			10/15/14 12:40	1
Field Turbidity	2.59				NTU			10/15/14 12:40	1
Oxidation Reduction Potential	31.4				millivolts			10/15/14 12:40	1
Oxygen, Dissolved	1.05				mg/L			10/15/14 12:40	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: FIELD BLANK DMP

Date Collected: 10/15/14 11:45

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-20

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/24/14 17:59	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 17:59	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 17:59	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 17:59	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 17:59	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 17:59	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 17:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 17:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 17:59	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 17:59	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 17:59	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 17:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 17:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 17:59	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 17:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 17:59	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 17:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 17:59	1
Acetone	ND		10	3.0	ug/L			10/24/14 17:59	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 17:59	1
Acrolein	ND		20	0.91	ug/L			10/24/14 17:59	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 17:59	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 17:59	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 17:59	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 17:59	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 17:59	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 17:59	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 17:59	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 17:59	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 17:59	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 17:59	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 17:59	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 17:59	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 17:59	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 17:59	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 17:59	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 17:59	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 17:59	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 17:59	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 17:59	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 17:59	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 17:59	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 17:59	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 17:59	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 17:59	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 17:59	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 17:59	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 17:59	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 17:59	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: FIELD BLANK DMP

Date Collected: 10/15/14 11:45

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-20

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/24/14 17:59	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 17:59	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 17:59	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 17:59	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 17:59	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 17:59	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 17:59	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 17:59	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 17:59	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 17:59	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 17:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		86 - 118		10/24/14 17:59	1
4-Bromofluorobenzene (Surr)	87		86 - 115		10/24/14 17:59	1
Toluene-d8 (Surr)	100		88 - 110		10/24/14 17:59	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/23/14 13:41	10/24/14 02:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/24/14 02:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:31	1
PCB-1221	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:31	1
PCB-1232	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:31	1
PCB-1242	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:31	1
PCB-1248	ND		0.46	0.16	ug/L		10/23/14 14:32	10/25/14 10:31	1
PCB-1254	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 10:31	1
PCB-1260	ND		0.46	0.23	ug/L		10/23/14 14:32	10/25/14 10:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	75		24 - 150		10/23/14 14:32	10/25/14 10:31
DCB Decachlorobiphenyl	94		24 - 150		10/23/14 14:32	10/25/14 10:31

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	ND		0.0020	0.00070	mg/L		10/20/14 08:20	10/23/14 21:47	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:20	10/23/14 21:47	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	ND		0.0010	0.000078	mg/L		10/20/14 12:14	11/09/14 21:46	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/20/14 12:14	11/09/14 21:46	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/20/14 12:14	11/09/14 21:46	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/20/14 12:14	11/09/14 21:46	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/20/14 12:14	11/09/14 21:46	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: FIELD BLANK DMP

Lab Sample ID: 480-69567-20

Matrix: Water

Date Collected: 10/15/14 11:45

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	0.93	J	1.0	0.43	mg/L			11/12/14 16:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	8.06				SU			10/15/14 11:45	1
Field Conductivity	327				umhos/cm			10/15/14 11:45	1
Field Temperature	15.8				Degrees C			10/15/14 11:45	1
Field Turbidity	0.89				NTU			10/15/14 11:45	1
Oxidation Reduction Potential	56.8				millivolts			10/15/14 11:45	1
Oxygen, Dissolved	6.71				mg/L			10/15/14 11:45	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-213A

Date Collected: 10/15/14 12:10

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-21

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/24/14 18:23	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 18:23	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 18:23	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 18:23	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 18:23	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 18:23	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 18:23	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 18:23	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 18:23	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 18:23	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 18:23	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 18:23	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 18:23	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 18:23	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 18:23	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 18:23	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 18:23	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 18:23	1
Acetone	ND		10	3.0	ug/L			10/24/14 18:23	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 18:23	1
Acrolein	ND		20	0.91	ug/L			10/24/14 18:23	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 18:23	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 18:23	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 18:23	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 18:23	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 18:23	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 18:23	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 18:23	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 18:23	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 18:23	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 18:23	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 18:23	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 18:23	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 18:23	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 18:23	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 18:23	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 18:23	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 18:23	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 18:23	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 18:23	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 18:23	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 18:23	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 18:23	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 18:23	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 18:23	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 18:23	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 18:23	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 18:23	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 18:23	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-213A

Lab Sample ID: 480-69567-21

Matrix: Water

Date Collected: 10/15/14 12:10

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/24/14 18:23	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 18:23	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 18:23	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 18:23	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 18:23	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 18:23	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 18:23	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 18:23	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 18:23	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 18:23	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 18:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		86 - 118					10/24/14 18:23	1
4-Bromofluorobenzene (Surr)	88		86 - 115					10/24/14 18:23	1
Toluene-d8 (Surr)	99		88 - 110					10/24/14 18:23	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/23/14 13:41	10/24/14 02:59	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/24/14 02:59	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:14	1
PCB-1221	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:14	1
PCB-1232	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:14	1
PCB-1242	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:14	1
PCB-1248	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:14	1
PCB-1254	ND		0.46	0.23	ug/L		10/25/14 08:13	10/28/14 14:14	1
PCB-1260	ND		0.46	0.23	ug/L		10/25/14 08:13	10/28/14 14:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	91		24 - 150				10/25/14 08:13	10/28/14 14:14	1
DCB Decachlorobiphenyl	70		24 - 150				10/25/14 08:13	10/28/14 14:14	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.026		0.0020	0.00070	mg/L		10/20/14 12:10	10/21/14 14:42	1
Chromium, Dissolved	0.0015	J	0.0050	0.0010	mg/L		10/20/14 12:10	10/21/14 14:42	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.00084	J	0.0010	0.000078	mg/L		10/21/14 12:14	10/22/14 04:35	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/21/14 12:14	10/22/14 04:35	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/21/14 12:14	10/22/14 04:35	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/21/14 12:14	10/22/14 04:35	1
Selenium, Dissolved	0.00086	J	0.015	0.00044	mg/L		10/21/14 12:14	10/23/14 15:07	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-213A

Lab Sample ID: 480-69567-21

Matrix: Water

Date Collected: 10/15/14 12:10

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.3		1.0	0.43	mg/L		11/11/14 08:25		1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.53				SU			10/15/14 12:10	1
Field Conductivity	3585				umhos/cm			10/15/14 12:10	1
Field Temperature	13.8				Degrees C			10/15/14 12:10	1
Field Turbidity	4.30				NTU			10/15/14 12:10	1
Oxidation Reduction Potential	15.2				millivolts			10/15/14 12:10	1
Oxygen, Dissolved	0.04				mg/L			10/15/14 12:10	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-238R

Date Collected: 10/15/14 13:01

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-22

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/24/14 18:46	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 18:46	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 18:46	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 18:46	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 18:46	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 18:46	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 18:46	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 18:46	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 18:46	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 18:46	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 18:46	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 18:46	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 18:46	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 18:46	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 18:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 18:46	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 18:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 18:46	1
Acetone	ND		10	3.0	ug/L			10/24/14 18:46	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 18:46	1
Acrolein	ND		20	0.91	ug/L			10/24/14 18:46	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 18:46	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 18:46	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 18:46	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 18:46	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 18:46	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 18:46	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 18:46	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 18:46	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 18:46	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 18:46	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 18:46	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 18:46	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 18:46	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 18:46	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 18:46	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 18:46	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 18:46	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 18:46	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 18:46	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 18:46	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 18:46	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 18:46	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 18:46	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 18:46	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 18:46	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 18:46	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 18:46	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 18:46	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-238R

Lab Sample ID: 480-69567-22

Matrix: Water

Date Collected: 10/15/14 13:01

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/24/14 18:46	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 18:46	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 18:46	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 18:46	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 18:46	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 18:46	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 18:46	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 18:46	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 18:46	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 18:46	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 18:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		86 - 118					10/24/14 18:46	1
4-Bromofluorobenzene (Surr)	87		86 - 115					10/24/14 18:46	1
Toluene-d8 (Surr)	100		88 - 110					10/24/14 18:46	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/23/14 13:41	10/24/14 03:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/24/14 03:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:33	1
PCB-1221	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:33	1
PCB-1232	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:33	1
PCB-1242	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:33	1
PCB-1248	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:33	1
PCB-1254	ND		0.46	0.23	ug/L		10/25/14 08:13	10/28/14 14:33	1
PCB-1260	ND		0.46	0.23	ug/L		10/25/14 08:13	10/28/14 14:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	80		24 - 150				10/25/14 08:13	10/28/14 14:33	1
DCB Decachlorobiphenyl	69		24 - 150				10/25/14 08:13	10/28/14 14:33	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.044		0.0020	0.00070	mg/L		10/20/14 12:10	10/21/14 14:57	1
Chromium, Dissolved	0.0011	J	0.0050	0.0010	mg/L		10/20/14 12:10	10/21/14 14:57	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.00052	J	0.0010	0.000078	mg/L		10/21/14 12:14	10/22/14 04:40	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/21/14 12:14	10/22/14 04:40	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/21/14 12:14	10/23/14 15:13	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/21/14 12:14	10/22/14 04:40	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/21/14 12:14	10/23/14 15:13	1

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-238R

Lab Sample ID: 480-69567-22

Matrix: Water

Date Collected: 10/15/14 13:01

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	1.4		1.0	0.43	mg/L			11/12/14 15:38	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.54				SU			10/15/14 13:01	1
Field Conductivity	1025				umhos/cm			10/15/14 13:01	1
Field Temperature	16.0				Degrees C			10/15/14 13:01	1
Field Turbidity	6.85				NTU			10/15/14 13:01	1
Oxidation Reduction Potential	19.5				millivolts			10/15/14 13:01	1
Oxygen, Dissolved	0.48				mg/L			10/15/14 13:01	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-403A

Date Collected: 10/15/14 13:28

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-23

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/24/14 19:10	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 19:10	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 19:10	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 19:10	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 19:10	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 19:10	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 19:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 19:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 19:10	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 19:10	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 19:10	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 19:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 19:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 19:10	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 19:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 19:10	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 19:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 19:10	1
Acetone	ND		10	3.0	ug/L			10/24/14 19:10	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 19:10	1
Acrolein	ND		20	0.91	ug/L			10/24/14 19:10	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 19:10	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 19:10	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 19:10	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 19:10	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 19:10	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 19:10	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 19:10	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 19:10	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 19:10	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 19:10	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 19:10	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 19:10	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 19:10	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 19:10	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 19:10	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 19:10	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 19:10	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 19:10	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 19:10	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 19:10	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 19:10	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 19:10	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 19:10	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 19:10	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 19:10	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 19:10	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 19:10	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 19:10	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Client Sample ID: MP-403A

Lab Sample ID: 480-69567-23

Matrix: Water

Date Collected: 10/15/14 13:28

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/24/14 19:10	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 19:10	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 19:10	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 19:10	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 19:10	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 19:10	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 19:10	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 19:10	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 19:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 19:10	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 19:10	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		86 - 118					10/24/14 19:10	1
4-Bromofluorobenzene (Surr)	86		86 - 115					10/24/14 19:10	1
Toluene-d8 (Surr)	98		88 - 110					10/24/14 19:10	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0075	ug/L		10/23/14 13:41	10/24/14 03:59	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0057	ug/L		10/23/14 13:41	10/24/14 03:59	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:52	1
PCB-1221	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:52	1
PCB-1232	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:52	1
PCB-1242	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:52	1
PCB-1248	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 14:52	1
PCB-1254	ND		0.46	0.23	ug/L		10/25/14 08:13	10/28/14 14:52	1
PCB-1260	ND		0.46	0.23	ug/L		10/25/14 08:13	10/28/14 14:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	81		24 - 150				10/25/14 08:13	10/28/14 14:52	1
DCB Decachlorobiphenyl	73		24 - 150				10/25/14 08:13	10/28/14 14:52	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.016		0.0020	0.00070	mg/L		10/20/14 12:10	10/21/14 15:00	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 12:10	10/21/14 15:00	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.00078	J	0.0010	0.000078	mg/L		10/21/14 12:14	10/22/14 05:08	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/21/14 12:14	10/23/14 15:43	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/21/14 12:14	10/22/14 05:08	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/21/14 12:14	10/22/14 05:08	1
Selenium, Dissolved	0.00065	J	0.015	0.00044	mg/L		10/21/14 12:14	10/23/14 15:43	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-403A

Lab Sample ID: 480-69567-23

Date Collected: 10/15/14 13:28

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.2		1.0	0.43	mg/L			11/11/14 11:35	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.99				SU			10/15/14 13:28	1
Field Conductivity	2990				umhos/cm			10/15/14 13:28	1
Field Temperature	16.4				Degrees C			10/15/14 13:28	1
Field Turbidity	39.6				NTU			10/15/14 13:28	1
Oxidation Reduction Potential	28.1				millivolts			10/15/14 13:28	1
Oxygen, Dissolved	3.13				mg/L			10/15/14 13:28	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-214BR

Date Collected: 10/15/14 14:06

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-24

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/24/14 19:34	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 19:34	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 19:34	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 19:34	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 19:34	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 19:34	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 19:34	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 19:34	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 19:34	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 19:34	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 19:34	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 19:34	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 19:34	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 19:34	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 19:34	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 19:34	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 19:34	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 19:34	1
Acetone	ND		10	3.0	ug/L			10/24/14 19:34	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 19:34	1
Acrolein	ND		20	0.91	ug/L			10/24/14 19:34	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 19:34	1
Allyl chloride	ND		2.0	0.44	ug/L			10/24/14 19:34	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 19:34	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/24/14 19:34	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 19:34	1
Bromomethane	ND		2.0	0.69	ug/L			10/24/14 19:34	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/24/14 19:34	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/24/14 19:34	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/24/14 19:34	1
Chloroethane	ND		2.0	0.32	ug/L			10/24/14 19:34	1
Chloroform	ND		2.0	0.34	ug/L			10/24/14 19:34	1
Chloromethane	ND		2.0	0.35	ug/L			10/24/14 19:34	1
Chloroprene	ND		2.0	0.49	ug/L			10/24/14 19:34	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			10/24/14 19:34	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/24/14 19:34	1
Dibromomethane	ND		2.0	0.41	ug/L			10/24/14 19:34	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/24/14 19:34	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/24/14 19:34	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/24/14 19:34	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/24/14 19:34	1
Iodomethane	ND		2.0	0.30	ug/L			10/24/14 19:34	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/24/14 19:34	1
Methacrylonitrile	ND		10	0.69	ug/L			10/24/14 19:34	1
Methyl methacrylate	ND		10	0.61	ug/L			10/24/14 19:34	1
Methylene Chloride	ND		2.0	0.44	ug/L			10/24/14 19:34	1
Naphthalene	ND		1.0	0.43	ug/L			10/24/14 19:34	1
Pentachloroethane	ND		1.0	0.34	ug/L			10/24/14 19:34	1
Propionitrile	ND		50	5.8	ug/L			10/24/14 19:34	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-214BR

Lab Sample ID: 480-69567-24

Date Collected: 10/15/14 14:06

Matrix: Water

Date Received: 10/17/14 09:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		2.0	0.73	ug/L			10/24/14 19:34	1
Tetrachloroethene	ND		2.0	0.36	ug/L			10/24/14 19:34	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			10/24/14 19:34	1
Toluene	ND		2.0	0.51	ug/L			10/24/14 19:34	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			10/24/14 19:34	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			10/24/14 19:34	1
Trichloroethene	ND		2.0	0.46	ug/L			10/24/14 19:34	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			10/24/14 19:34	1
Vinyl acetate	ND		10	0.85	ug/L			10/24/14 19:34	1
Vinyl chloride	ND		1.0	0.90	ug/L			10/24/14 19:34	1
Xylenes, Total	ND		3.0	0.66	ug/L			10/24/14 19:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		86 - 118					10/24/14 19:34	1
4-Bromofluorobenzene (Surr)	86		86 - 115					10/24/14 19:34	1
Toluene-d8 (Surr)	100		88 - 110					10/24/14 19:34	1

Method: 8011 - EDB and DBCP in Water by Microextraction

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		0.010	0.0074	ug/L		10/23/14 13:41	10/24/14 04:29	1
1,2-Dibromo-3-Chloropropane	ND		0.010	0.0056	ug/L		10/23/14 13:41	10/24/14 04:29	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 15:11	1
PCB-1221	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 15:11	1
PCB-1232	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 15:11	1
PCB-1242	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 15:11	1
PCB-1248	ND		0.46	0.16	ug/L		10/25/14 08:13	10/28/14 15:11	1
PCB-1254	ND		0.46	0.23	ug/L		10/25/14 08:13	10/28/14 15:11	1
PCB-1260	ND		0.46	0.23	ug/L		10/25/14 08:13	10/28/14 15:11	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
Tetrachloro-m-xylene	84		24 - 150				10/25/14 08:13	10/28/14 15:11	1
DCB Decachlorobiphenyl	75		24 - 150				10/25/14 08:13	10/28/14 15:11	1

Method: 6010C - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium, Dissolved	0.0080		0.0020	0.00070	mg/L		10/20/14 12:10	10/21/14 15:11	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 12:10	10/21/14 15:11	1

Method: 6020A - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.0094		0.0010	0.000078	mg/L		10/21/14 12:14	10/22/14 05:32	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/21/14 12:14	10/23/14 15:49	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/21/14 12:14	10/22/14 05:32	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/21/14 12:14	10/22/14 05:32	1
Selenium, Dissolved	0.00094	J	0.015	0.00044	mg/L		10/21/14 12:14	10/23/14 15:49	1

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-214BR

Lab Sample ID: 480-69567-24

Date Collected: 10/15/14 14:06

Matrix: Water

Date Received: 10/17/14 09:00

Method: 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 17:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	2.5		1.0	0.43	mg/L			11/12/14 16:05	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.01				SU			10/15/14 14:06	1
Field Conductivity	3564				umhos/cm			10/15/14 14:06	1
Field Temperature	14.1				Degrees C			10/15/14 14:06	1
Field Turbidity	89.6				NTU			10/15/14 14:06	1
Oxidation Reduction Potential	5.2				millivolts			10/15/14 14:06	1
Oxygen, Dissolved	1.99				mg/L			10/15/14 14:06	1

Surrogate Summary

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (86-118)	BFB (86-115)	TOL (88-110)
480-69451-1	MP-210AR	109	106	96
480-69451-2	MP-406C	108	105	94
480-69451-3	MP-409	110	105	94
480-69451-4	MP-280	110	105	94
480-69451-5	MP-280A	106	103	92
480-69451-6	MP-407	110	107	96
480-69451-7	MP-405A	111	106	95
480-69451-8	MP-231AR	110	107	94
480-69451-9	MP-251A	111	107	95
480-69451-10	MP-404	112	106	95
480-69451-11	MP-227R	98	94	97
480-69451-12	MP-228AR	97	94	97
480-69451-13	DUPLICATE-DMP #1	97	95	100
480-69451-14	MP-230A	95	94	97
480-69451-15	MP-232A	98	94	98
480-69451-16	MP-211BR	113	107	96
480-69451-17 - DL	MP-408	98	94	98
480-69451-17	MP-408	98	98	97
480-69451-18	MP-206AR	97	95	99
480-69451-19	MP-277A	97	95	97
480-69451-20	MP-279	110	105	110
480-69451-21	TRIP BLANK	97	95	100
480-69451-22	MP-244R	97	94	99
480-69451-23	MP-244ARR	97	94	99
480-69451-24	MP-250	98	94	97
480-69451-25	MP-250A	97	93	96
480-69451-26	MP-286C	97	93	98
480-69567-1	MP-241R	106	92	104
480-69567-2	MP-235CR	101	87	98
480-69567-3	MP-235BR	98	88	98
480-69567-4	MP-235R	104	87	99
480-69567-5	MP-237	104	91	100
480-69567-6	MP-401A	105	86	101
480-69567-7	MP-401B	106	88	100
480-69567-8	DUPLICATE DMP #2	104	88	100
480-69567-9	MP-233R	105	88	101
480-69567-10	MP-233AR	107	89	103
480-69567-11	MP-234R	106	87	104
480-69567-12	MP-234AR	107	87	101
480-69567-13	MP-402A	105	90	102
480-69567-14	MP-274	105	86	98
480-69567-15	MP-274A	103	90	101
480-69567-16	DUPLICATE DMP #3	106	86	99
480-69567-17	MP-281	109	106	93
480-69567-18	MP-281C	104	86	98
480-69567-18MS	MP-281C	95	92	104
480-69567-18MSD	MP-281C	94	90	100
480-69567-19	MP-404A	111	105	94
480-69567-20	FIELD BLANK DMP	105	87	100

TestAmerica Buffalo

Surrogate Summary

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		12DCE (86-118)	BFB (86-115)	TOL (88-110)
480-69567-21	MP-213A	106	88	99
480-69567-22	MP-238R	103	87	100
480-69567-23	MP-403A	104	86	98
480-69567-24	MP-214BR	104	86	100
LCS 480-209694/4	Lab Control Sample	96	93	103
LCS 480-209781/4	Lab Control Sample	97	94	105
LCS 480-210131/4	Lab Control Sample	100	103	94
LCS 480-210181/6	Lab Control Sample	99	95	98
LCS 480-211255/5	Lab Control Sample	104	101	98
LCSD 480-211255/6	Lab Control Sample Dup	108	103	98
MB 480-209694/6	Method Blank	99	90	101
MB 480-209781/6	Method Blank	101	92	101
MB 480-210131/7	Method Blank	105	104	96
MB 480-210181/8	Method Blank	97	95	99
MB 480-211255/8	Method Blank	97	100	96

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX2 (24-150)	DCB2 (24-150)
480-69451-1	MP-210AR	81	91
480-69451-2	MP-406C	84	88
480-69451-3	MP-409	86	83
480-69451-4	MP-280	76	81
480-69451-5	MP-280A	84	82
480-69451-6	MP-407	83	86
480-69451-7	MP-405A	83	86
480-69451-8	MP-231AR	81	92
480-69451-9	MP-251A	83	92
480-69451-10	MP-404	82	87
480-69451-11	MP-227R	83	93
480-69451-12	MP-228AR	83	84
480-69451-13	DUPLICATE-DMP #1	81	84
480-69451-14	MP-230A	77	85
480-69451-15	MP-232A	84	88
480-69451-16	MP-211BR	84	88
480-69451-17	MP-408	81	75
480-69451-18	MP-206AR	77	91
480-69451-19	MP-277A	78	91
480-69451-20	MP-279	78	94
480-69451-22	MP-244R	86	97
480-69451-23	MP-244ARR	80	86

TestAmerica Buffalo

Surrogate Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX2 (24-150)	DCB2 (24-150)
480-69451-24	MP-250	84	92
480-69451-25	MP-250A	82	97
480-69451-26	MP-286C	78	92
480-69567-1	MP-241R	80	105
480-69567-2	MP-235CR	78	97
480-69567-3	MP-235BR	76	98
480-69567-4	MP-235R	81	104
480-69567-5	MP-237	81	106
480-69567-6	MP-401A	78	106
480-69567-7	MP-401B	73	95
480-69567-8	DUPLICATE DMP #2	73	95
480-69567-9	MP-233R	71	96
480-69567-10	MP-233AR	78	99
480-69567-11	MP-234R	83	100
480-69567-12	MP-234AR	74	97
480-69567-13	MP-402A	75	94
480-69567-14	MP-274	73	93
480-69567-15	MP-274A	79	102
480-69567-16	DUPLICATE DMP #3	80	100
480-69567-17	MP-281	72	97
480-69567-18	MP-281C	85	103
480-69567-18MS	MP-281C	67	86
480-69567-18MSD	MP-281C	81	100
480-69567-19	MP-404A	91	105
480-69567-20	FIELD BLANK DMP	75	94
LCS 480-208563/2-A	Lab Control Sample	82	68
LCS 480-208570/2-A	Lab Control Sample	79	71
LCS 480-209639/2-A	Lab Control Sample	64	84
LCSD 480-208563/3-A	Lab Control Sample Dup	82	66
LCSD 480-208570/3-A	Lab Control Sample Dup	82	71
MB 480-208563/1-A	Method Blank	70	65
MB 480-208570/1-A	Method Blank	74	69
MB 480-209639/1-A	Method Blank	84	108

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		TCX1 (24-150)	DCB1 (24-150)
480-69567-21	MP-213A	91	70
480-69567-22	MP-238R	80	69
480-69567-23	MP-403A	81	73
480-69567-24	MP-214BR	84	75
LCS 480-210024/2-A	Lab Control Sample	90	62

TestAmerica Buffalo

Surrogate Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	TCX1	DCB1		
		(24-150)	(24-150)		
LCSD 480-210024/3-A	Lab Control Sample Dup	88	59		
MB 480-210024/1-A	Method Blank	75	48		

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCB = DCB Decachlorobiphenyl

QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-209694/6

Matrix: Water

Analysis Batch: 209694

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	Dil Fac						
	Result	Qualifier		RL	MDL	Unit	D	Prepared	Analyzed
1,1,1,2-Tetrachloroethane	ND		1	2.0	0.35	ug/L		10/23/14 20:51	
1,1,1-Trichloroethane	ND		1	2.0	0.82	ug/L		10/23/14 20:51	
1,1,2,2-Tetrachloroethane	ND		1	2.0	0.21	ug/L		10/23/14 20:51	
1,1,2-Trichloroethane	ND		1	2.0	0.23	ug/L		10/23/14 20:51	
1,1-Dichloroethane	ND		1	2.0	0.38	ug/L		10/23/14 20:51	
1,1-Dichloroethene	ND		1	2.0	0.29	ug/L		10/23/14 20:51	
1,2,3-Trichloropropane	ND		1	2.0	0.89	ug/L		10/23/14 20:51	
1,2,4-Trichlorobenzene	ND		1	1.0	0.41	ug/L		10/23/14 20:51	
1,2-Dichlorobenzene	ND		1	1.0	0.79	ug/L		10/23/14 20:51	
1,2-Dichloroethane	ND		1	2.0	0.21	ug/L		10/23/14 20:51	
1,2-Dichloroethene, Total	ND		1	2.0	0.81	ug/L		10/23/14 20:51	
1,2-Dichloropropane	ND		1	2.0	0.72	ug/L		10/23/14 20:51	
1,3-Dichlorobenzene	ND		1	1.0	0.78	ug/L		10/23/14 20:51	
1,4-Dichlorobenzene	ND		1	1.0	0.84	ug/L		10/23/14 20:51	
1,4-Dioxane	ND		1	40	9.3	ug/L		10/23/14 20:51	
2-Butanone (MEK)	ND		1	10	1.3	ug/L		10/23/14 20:51	
2-Hexanone	ND		1	10	1.2	ug/L		10/23/14 20:51	
4-Methyl-2-pentanone (MIBK)	ND		1	10	2.1	ug/L		10/23/14 20:51	
Acetone	ND		1	10	3.0	ug/L		10/23/14 20:51	
Acetonitrile	ND		1	170	4.9	ug/L		10/23/14 20:51	
Acrolein	ND		1	20	0.91	ug/L		10/23/14 20:51	
Acrylonitrile	ND		1	20	0.83	ug/L		10/23/14 20:51	
Benzene	ND		1	2.0	0.41	ug/L		10/23/14 20:51	
Bromoform	ND		1	2.0	0.26	ug/L		10/23/14 20:51	
Bromomethane	ND		1	2.0	0.69	ug/L		10/23/14 20:51	
Carbon disulfide	ND		1	2.0	0.19	ug/L		10/23/14 20:51	
Carbon tetrachloride	ND		1	2.0	0.27	ug/L		10/23/14 20:51	
Chlorobenzene	ND		1	2.0	0.75	ug/L		10/23/14 20:51	
Chloroethane	ND		1	2.0	0.32	ug/L		10/23/14 20:51	
Chloroform	ND		1	2.0	0.34	ug/L		10/23/14 20:51	
Chloromethane	ND		1	2.0	0.35	ug/L		10/23/14 20:51	
Chloroprene	ND		1	2.0	0.49	ug/L		10/23/14 20:51	
Bromodichloromethane	ND		1	2.0	0.39	ug/L		10/23/14 20:51	
Dibromochloromethane	ND		1	2.0	0.32	ug/L		10/23/14 20:51	
Dibromomethane	ND		1	2.0	0.41	ug/L		10/23/14 20:51	
Dichlorodifluoromethane	ND		1	2.0	0.68	ug/L		10/23/14 20:51	
Ethyl methacrylate	ND		1	2.0	0.59	ug/L		10/23/14 20:51	
Ethylbenzene	ND		1	2.0	0.74	ug/L		10/23/14 20:51	
Hexachlorobutadiene	ND		1	1.0	0.28	ug/L		10/23/14 20:51	
Iodomethane	ND		1	2.0	0.30	ug/L		10/23/14 20:51	
Isobutyl alcohol	ND		1	1000	4.8	ug/L		10/23/14 20:51	
Methacrylonitrile	ND		1	10	0.69	ug/L		10/23/14 20:51	
Methyl methacrylate	ND		1	10	0.61	ug/L		10/23/14 20:51	
Methylene Chloride	ND		1	2.0	0.44	ug/L		10/23/14 20:51	
Naphthalene	ND		1	1.0	0.43	ug/L		10/23/14 20:51	
Pentachloroethane	ND		1	1.0	0.34	ug/L		10/23/14 20:51	
Propionitrile	ND		1	50	5.8	ug/L		10/23/14 20:51	
Tetrachloroethene	ND		1	2.0	0.36	ug/L		10/23/14 20:51	

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-209694/6

Matrix: Water

Analysis Batch: 209694

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Tetrahydrofuran	ND				5.0	1.3	ug/L			10/23/14 20:51	1
Toluene	ND				2.0	0.51	ug/L			10/23/14 20:51	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			10/23/14 20:51	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			10/23/14 20:51	1
Trichloroethene	ND				2.0	0.46	ug/L			10/23/14 20:51	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			10/23/14 20:51	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			10/23/14 20:51	1
Vinyl acetate	ND				10	0.85	ug/L			10/23/14 20:51	1
Styrene	ND				2.0	0.73	ug/L			10/23/14 20:51	1
Vinyl chloride	ND				1.0	0.90	ug/L			10/23/14 20:51	1
Allyl chloride	ND				2.0	0.44	ug/L			10/23/14 20:51	1
Xylenes, Total	ND				3.0	0.66	ug/L			10/23/14 20:51	1
<hr/>											
Surrogate		MB	MB	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		99				86 - 118				10/23/14 20:51	1
4-Bromofluorobenzene (Surr)		90				86 - 115				10/23/14 20:51	1
Toluene-d8 (Surr)		101				88 - 110				10/23/14 20:51	1

Lab Sample ID: LCS 480-209694/4

Matrix: Water

Analysis Batch: 209694

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LC	LC	Result	Qualifier	Unit	D	%Rec	Limits	%Rec.
		S	C							
1,1-Dichloroethene	25.0	23.1				ug/L		93	72 - 127	
Benzene	25.0	24.6				ug/L		98	78 - 124	
Chlorobenzene	25.0	24.3				ug/L		97	78 - 124	
Toluene	25.0	25.3				ug/L		101	77 - 123	
Trichloroethene	25.0	23.3				ug/L		93	75 - 124	
<hr/>										
Surrogate		LC	LC	%Recovery	Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)		96				86 - 118				
4-Bromofluorobenzene (Surr)		93				86 - 115				
Toluene-d8 (Surr)		103				88 - 110				

Lab Sample ID: 480-69567-18MS

Matrix: Water

Analysis Batch: 209694

Client Sample ID: MP-281C

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Result	Qualifier	Unit	D	%Rec.
	Result	Qualifier	Added	Result	Qualifier					
1,1-Dichloroethene	ND		25.0	25.3				ug/L		101
Benzene	ND		25.0	26.0				ug/L		104
Chlorobenzene	ND		25.0	26.5				ug/L		106
Toluene	ND		25.0	27.1				ug/L		108
Trichloroethene	ND		25.0	25.1				ug/L		100
<hr/>										
Surrogate		MS	MS	%Recovery	Qualifier	Limits				
1,2-Dichloroethane-d4 (Surr)		95				86 - 118				

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-69567-18MS

Matrix: Water

Analysis Batch: 209694

Client Sample ID: MP-281C

Prep Type: Total/NA

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		86 - 115
Toluene-d8 (Surr)	104		88 - 110

Lab Sample ID: 480-69567-18MSD

Matrix: Water

Analysis Batch: 209694

Client Sample ID: MP-281C

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec.	RPD
								Limits	Limit
1,1-Dichloroethene	ND		25.0	23.0		ug/L	92	68 - 137	9
Benzene	ND		25.0	24.0		ug/L	96	69 - 133	8
Chlorobenzene	ND		25.0	24.2		ug/L	97	65 - 136	9
Toluene	ND		25.0	24.6		ug/L	98	60 - 138	9
Trichloroethene	ND		25.0	22.6		ug/L	90	63 - 136	10

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		86 - 118
4-Bromofluorobenzene (Surr)	90		86 - 115
Toluene-d8 (Surr)	100		88 - 110

Lab Sample ID: MB 480-209781/6

Matrix: Water

Analysis Batch: 209781

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/24/14 12:39	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/24/14 12:39	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/24/14 12:39	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/24/14 12:39	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/24/14 12:39	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/24/14 12:39	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/24/14 12:39	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/24/14 12:39	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/24/14 12:39	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/24/14 12:39	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/24/14 12:39	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/24/14 12:39	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/24/14 12:39	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/24/14 12:39	1
1,4-Dioxane	ND		40	9.3	ug/L			10/24/14 12:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/24/14 12:39	1
2-Hexanone	ND		10	1.2	ug/L			10/24/14 12:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/24/14 12:39	1
Acetone	ND		10	3.0	ug/L			10/24/14 12:39	1
Acetonitrile	ND		170	4.9	ug/L			10/24/14 12:39	1
Acrolein	ND		20	0.91	ug/L			10/24/14 12:39	1
Acrylonitrile	ND		20	0.83	ug/L			10/24/14 12:39	1
Benzene	ND		2.0	0.41	ug/L			10/24/14 12:39	1
Bromoform	ND		2.0	0.26	ug/L			10/24/14 12:39	1

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-209781/6

Matrix: Water

Analysis Batch: 209781

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Bromomethane	ND				2.0	0.69	ug/L			10/24/14 12:39	1
Carbon disulfide	ND				2.0	0.19	ug/L			10/24/14 12:39	1
Carbon tetrachloride	ND				2.0	0.27	ug/L			10/24/14 12:39	1
Chlorobenzene	ND				2.0	0.75	ug/L			10/24/14 12:39	1
Chloroethane	ND				2.0	0.32	ug/L			10/24/14 12:39	1
Chloroform	ND				2.0	0.34	ug/L			10/24/14 12:39	1
Chloromethane	ND				2.0	0.35	ug/L			10/24/14 12:39	1
Chloroprene	ND				2.0	0.49	ug/L			10/24/14 12:39	1
Bromodichloromethane	ND				2.0	0.39	ug/L			10/24/14 12:39	1
Dibromochloromethane	ND				2.0	0.32	ug/L			10/24/14 12:39	1
Dibromomethane	ND				2.0	0.41	ug/L			10/24/14 12:39	1
Dichlorodifluoromethane	ND				2.0	0.68	ug/L			10/24/14 12:39	1
Ethyl methacrylate	ND				2.0	0.59	ug/L			10/24/14 12:39	1
Ethylbenzene	ND				2.0	0.74	ug/L			10/24/14 12:39	1
Hexachlorobutadiene	ND				1.0	0.28	ug/L			10/24/14 12:39	1
Iodomethane	ND				2.0	0.30	ug/L			10/24/14 12:39	1
Isobutyl alcohol	ND				1000	4.8	ug/L			10/24/14 12:39	1
Methacrylonitrile	ND				10	0.69	ug/L			10/24/14 12:39	1
Methyl methacrylate	ND				10	0.61	ug/L			10/24/14 12:39	1
Methylene Chloride	ND				2.0	0.44	ug/L			10/24/14 12:39	1
Naphthalene	ND				1.0	0.43	ug/L			10/24/14 12:39	1
Pentachloroethane	ND				1.0	0.34	ug/L			10/24/14 12:39	1
Propionitrile	ND				50	5.8	ug/L			10/24/14 12:39	1
Tetrachloroethene	ND				2.0	0.36	ug/L			10/24/14 12:39	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			10/24/14 12:39	1
Toluene	ND				2.0	0.51	ug/L			10/24/14 12:39	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			10/24/14 12:39	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			10/24/14 12:39	1
Trichloroethene	ND				2.0	0.46	ug/L			10/24/14 12:39	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			10/24/14 12:39	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			10/24/14 12:39	1
Vinyl acetate	ND				10	0.85	ug/L			10/24/14 12:39	1
Styrene	ND				2.0	0.73	ug/L			10/24/14 12:39	1
Vinyl chloride	ND				1.0	0.90	ug/L			10/24/14 12:39	1
Allyl chloride	ND				2.0	0.44	ug/L			10/24/14 12:39	1
Xylenes, Total	ND				3.0	0.66	ug/L			10/24/14 12:39	1

MB MB

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1,2-Dichloroethane-d4 (Surr)	101		101		86 - 118			1
4-Bromofluorobenzene (Surr)	92				86 - 115			1
Toluene-d8 (Surr)	101				88 - 110			1

Lab Sample ID: LCS 480-209781/4

Matrix: Water

Analysis Batch: 209781

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec.	Limits
	Added	Result	Qualifier						
1,1-Dichloroethene	25.0	20.6				ug/L	82	72 - 127	

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-209781/4

Matrix: Water

Analysis Batch: 209781

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte		Spike	LCS	LCS	Unit	D	%Rec	%Rec.	Limits
		Added	Result	Qualifier					
Benzene		25.0	22.8		ug/L		91	78 - 124	
Chlorobenzene		25.0	23.1		ug/L		92	78 - 124	
Toluene		25.0	23.6		ug/L		94	77 - 123	
Trichloroethene		25.0	22.0		ug/L		88	75 - 124	
Surrogate		LCS	LCS	Limits		D	%Rec	%Rec.	Limits
		%Recovery	Qualifier						
1,2-Dichloroethane-d4 (Surr)		97		86 - 118					
4-Bromofluorobenzene (Surr)		94		86 - 115					
Toluene-d8 (Surr)		105		88 - 110					

Lab Sample ID: MB 480-210131/7

Matrix: Water

Analysis Batch: 210131

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 10:59	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 10:59	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 10:59	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 10:59	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 10:59	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 10:59	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 10:59	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 10:59	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 10:59	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 10:59	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 10:59	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 10:59	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 10:59	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 10:59	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 10:59	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 10:59	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 10:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 10:59	1
Acetone	ND		10	3.0	ug/L			10/27/14 10:59	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 10:59	1
Acrolein	ND		20	0.91	ug/L			10/27/14 10:59	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 10:59	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 10:59	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 10:59	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 10:59	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 10:59	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 10:59	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 10:59	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 10:59	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 10:59	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 10:59	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 10:59	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 10:59	1

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-210131/7

Matrix: Water

Analysis Batch: 210131

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Dibromochloromethane	ND				2.0	0.32	ug/L			10/27/14 10:59	1
Dibromomethane	ND				2.0	0.41	ug/L			10/27/14 10:59	1
Dichlorodifluoromethane	ND				2.0	0.68	ug/L			10/27/14 10:59	1
Ethyl methacrylate	ND				2.0	0.59	ug/L			10/27/14 10:59	1
Ethylbenzene	ND				2.0	0.74	ug/L			10/27/14 10:59	1
Hexachlorobutadiene	ND				1.0	0.28	ug/L			10/27/14 10:59	1
Iodomethane	ND				2.0	0.30	ug/L			10/27/14 10:59	1
Isobutyl alcohol	ND				1000	4.8	ug/L			10/27/14 10:59	1
Methacrylonitrile	ND				10	0.69	ug/L			10/27/14 10:59	1
Methyl methacrylate	ND				10	0.61	ug/L			10/27/14 10:59	1
Methylene Chloride	ND				2.0	0.44	ug/L			10/27/14 10:59	1
Naphthalene	ND				1.0	0.43	ug/L			10/27/14 10:59	1
Pentachloroethane	ND				1.0	0.34	ug/L			10/27/14 10:59	1
Propionitrile	ND				50	5.8	ug/L			10/27/14 10:59	1
Tetrachloroethene	ND				2.0	0.36	ug/L			10/27/14 10:59	1
Tetrahydrofuran	ND				5.0	1.3	ug/L			10/27/14 10:59	1
Toluene	ND				2.0	0.51	ug/L			10/27/14 10:59	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			10/27/14 10:59	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			10/27/14 10:59	1
Trichloroethene	ND				2.0	0.46	ug/L			10/27/14 10:59	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			10/27/14 10:59	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			10/27/14 10:59	1
Vinyl acetate	ND				10	0.85	ug/L			10/27/14 10:59	1
Styrene	ND				2.0	0.73	ug/L			10/27/14 10:59	1
Vinyl chloride	ND				1.0	0.90	ug/L			10/27/14 10:59	1
Allyl chloride	ND				2.0	0.44	ug/L			10/27/14 10:59	1
Xylenes, Total	ND				3.0	0.66	ug/L			10/27/14 10:59	1
MB MB											
Surrogate	%Recovery	Qualifier	Limits						Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		86 - 118							10/27/14 10:59	1
4-Bromofluorobenzene (Surr)	104		86 - 115							10/27/14 10:59	1
Toluene-d8 (Surr)	96		88 - 110							10/27/14 10:59	1

Lab Sample ID: LCS 480-210131/4

Matrix: Water

Analysis Batch: 210131

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits	%Rec.		
								Spiked	Result	Qualifier
1,1-Dichloroethene	25.0	21.8		ug/L		87	72 - 127			
Benzene	25.0	22.7		ug/L		91	78 - 124			
Chlorobenzene	25.0	23.0		ug/L		92	78 - 124			
Toluene	25.0	22.5		ug/L		90	77 - 123			
Trichloroethene	25.0	23.3		ug/L		93	75 - 124			
LCS LCS										
Surrogate	%Recovery	Qualifier	Limits							
1,2-Dichloroethane-d4 (Surr)	100		86 - 118							
4-Bromofluorobenzene (Surr)	103		86 - 115							

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-210131/4

Matrix: Water

Analysis Batch: 210131

Surrogate	LCS %Recovery	LCS Qualifier	Limits
Toluene-d8 (Surrogate)	94		88 - 110

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Lab Sample ID: MB 480-210181/8

Matrix: Water

Analysis Batch: 210181

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			10/27/14 11:49	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			10/27/14 11:49	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			10/27/14 11:49	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			10/27/14 11:49	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			10/27/14 11:49	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			10/27/14 11:49	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			10/27/14 11:49	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			10/27/14 11:49	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			10/27/14 11:49	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			10/27/14 11:49	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			10/27/14 11:49	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			10/27/14 11:49	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			10/27/14 11:49	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			10/27/14 11:49	1
1,4-Dioxane	ND		40	9.3	ug/L			10/27/14 11:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			10/27/14 11:49	1
2-Hexanone	ND		10	1.2	ug/L			10/27/14 11:49	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			10/27/14 11:49	1
Acetone	ND		10	3.0	ug/L			10/27/14 11:49	1
Acetonitrile	ND		170	4.9	ug/L			10/27/14 11:49	1
Acrolein	ND		20	0.91	ug/L			10/27/14 11:49	1
Acrylonitrile	ND		20	0.83	ug/L			10/27/14 11:49	1
Benzene	ND		2.0	0.41	ug/L			10/27/14 11:49	1
Bromoform	ND		2.0	0.26	ug/L			10/27/14 11:49	1
Bromomethane	ND		2.0	0.69	ug/L			10/27/14 11:49	1
Carbon disulfide	ND		2.0	0.19	ug/L			10/27/14 11:49	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			10/27/14 11:49	1
Chlorobenzene	ND		2.0	0.75	ug/L			10/27/14 11:49	1
Chloroethane	ND		2.0	0.32	ug/L			10/27/14 11:49	1
Chloroform	ND		2.0	0.34	ug/L			10/27/14 11:49	1
Chloromethane	ND		2.0	0.35	ug/L			10/27/14 11:49	1
Chloroprene	ND		2.0	0.49	ug/L			10/27/14 11:49	1
Bromodichloromethane	ND		2.0	0.39	ug/L			10/27/14 11:49	1
Dibromochloromethane	ND		2.0	0.32	ug/L			10/27/14 11:49	1
Dibromomethane	ND		2.0	0.41	ug/L			10/27/14 11:49	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			10/27/14 11:49	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			10/27/14 11:49	1
Ethylbenzene	ND		2.0	0.74	ug/L			10/27/14 11:49	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			10/27/14 11:49	1
Iodomethane	ND		2.0	0.30	ug/L			10/27/14 11:49	1
Isobutyl alcohol	ND		1000	4.8	ug/L			10/27/14 11:49	1

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-210181/8

Matrix: Water

Analysis Batch: 210181

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	ND									
Methacrylonitrile			ND		10	0.69	ug/L			10/27/14 11:49	1
Methyl methacrylate			ND		10	0.61	ug/L			10/27/14 11:49	1
Methylene Chloride			ND		2.0	0.44	ug/L			10/27/14 11:49	1
Naphthalene			ND		1.0	0.43	ug/L			10/27/14 11:49	1
Pentachloroethane			ND		1.0	0.34	ug/L			10/27/14 11:49	1
Propionitrile			ND		50	5.8	ug/L			10/27/14 11:49	1
Tetrachloroethene			ND		2.0	0.36	ug/L			10/27/14 11:49	1
Tetrahydrofuran			ND		5.0	1.3	ug/L			10/27/14 11:49	1
Toluene			ND		2.0	0.51	ug/L			10/27/14 11:49	1
trans-1,3-Dichloropropene			ND		2.0	0.37	ug/L			10/27/14 11:49	1
trans-1,4-Dichloro-2-butene			ND		5.0	0.22	ug/L			10/27/14 11:49	1
Trichloroethene			ND		2.0	0.46	ug/L			10/27/14 11:49	1
Trichlorofluoromethane			ND		2.0	0.88	ug/L			10/27/14 11:49	1
cis-1,3-Dichloropropene			ND		2.0	0.36	ug/L			10/27/14 11:49	1
Vinyl acetate			ND		10	0.85	ug/L			10/27/14 11:49	1
Styrene			ND		2.0	0.73	ug/L			10/27/14 11:49	1
Vinyl chloride			ND		1.0	0.90	ug/L			10/27/14 11:49	1
Allyl chloride			ND		2.0	0.44	ug/L			10/27/14 11:49	1
Xylenes, Total			ND		3.0	0.66	ug/L			10/27/14 11:49	1

MB MB

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Surrogate	%Recovery						
1,2-Dichloroethane-d4 (Surr)		97			86 - 118			1
4-Bromofluorobenzene (Surr)		95			86 - 115			1
Toluene-d8 (Surr)		99			88 - 110			1

Lab Sample ID: LCS 480-210181/6

Matrix: Water

Analysis Batch: 210181

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	MB	MB	Spike Added	MB	MB	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
	MB	MB		MB	MB						
1,1-Dichloroethene			25.0			25.5		ug/L		102	72 - 127
Benzene			25.0			27.1		ug/L		108	78 - 124
Chlorobenzene			25.0			26.3		ug/L		105	78 - 124
Toluene			25.0			26.4		ug/L		105	77 - 123
Trichloroethene			25.0			26.3		ug/L		105	75 - 124

LCS LCS

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Surrogate	%Recovery						
1,2-Dichloroethane-d4 (Surr)		99			86 - 118			1
4-Bromofluorobenzene (Surr)		95			86 - 115			1
Toluene-d8 (Surr)		98			88 - 110			1

Lab Sample ID: MB 480-211255/8

Matrix: Water

Analysis Batch: 211255

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	MB	MB									
1,1,1,2-Tetrachloroethane			ND		2.0	0.35	ug/L			10/31/14 12:46	1
1,1,1-Trichloroethane			ND		2.0	0.82	ug/L			10/31/14 12:46	1

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-211255/8

Matrix: Water

Analysis Batch: 211255

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	ND	ND									
1,1,2,2-Tetrachloroethane	ND	ND			2.0	0.21	ug/L			10/31/14 12:46	1
1,1,2-Trichloroethane	ND	ND			2.0	0.23	ug/L			10/31/14 12:46	1
1,1-Dichloroethane	ND	ND			2.0	0.38	ug/L			10/31/14 12:46	1
1,1-Dichloroethene	ND	ND			2.0	0.29	ug/L			10/31/14 12:46	1
1,2,3-Trichloropropane	ND	ND			2.0	0.89	ug/L			10/31/14 12:46	1
1,2,4-Trichlorobenzene	ND	ND			1.0	0.41	ug/L			10/31/14 12:46	1
1,2-Dichlorobenzene	ND	ND			1.0	0.79	ug/L			10/31/14 12:46	1
1,2-Dichloroethane	ND	ND			2.0	0.21	ug/L			10/31/14 12:46	1
1,2-Dichloroethene, Total	ND	ND			2.0	0.81	ug/L			10/31/14 12:46	1
1,2-Dichloropropane	ND	ND			2.0	0.72	ug/L			10/31/14 12:46	1
1,3-Dichlorobenzene	ND	ND			1.0	0.78	ug/L			10/31/14 12:46	1
1,4-Dichlorobenzene	ND	ND			1.0	0.84	ug/L			10/31/14 12:46	1
1,4-Dioxane	ND	ND			40	9.3	ug/L			10/31/14 12:46	1
2-Butanone (MEK)	ND	ND			10	1.3	ug/L			10/31/14 12:46	1
2-Hexanone	ND	ND			10	1.2	ug/L			10/31/14 12:46	1
4-Methyl-2-pentanone (MIBK)	ND	ND			10	2.1	ug/L			10/31/14 12:46	1
Acetone	ND	ND			10	3.0	ug/L			10/31/14 12:46	1
Acetonitrile	ND	ND			170	4.9	ug/L			10/31/14 12:46	1
Acrolein	ND	ND			20	0.91	ug/L			10/31/14 12:46	1
Acrylonitrile	ND	ND			20	0.83	ug/L			10/31/14 12:46	1
Benzene	ND	ND			2.0	0.41	ug/L			10/31/14 12:46	1
Bromoform	ND	ND			2.0	0.26	ug/L			10/31/14 12:46	1
Bromomethane	ND	ND			2.0	0.69	ug/L			10/31/14 12:46	1
Carbon disulfide	ND	ND			2.0	0.19	ug/L			10/31/14 12:46	1
Carbon tetrachloride	ND	ND			2.0	0.27	ug/L			10/31/14 12:46	1
Chlorobenzene	ND	ND			2.0	0.75	ug/L			10/31/14 12:46	1
Chloroethane	ND	ND			2.0	0.32	ug/L			10/31/14 12:46	1
Chloroform	ND	ND			2.0	0.34	ug/L			10/31/14 12:46	1
Chloromethane	ND	ND			2.0	0.35	ug/L			10/31/14 12:46	1
Chloroprene	ND	ND			2.0	0.49	ug/L			10/31/14 12:46	1
Bromodichloromethane	ND	ND			2.0	0.39	ug/L			10/31/14 12:46	1
Dibromochloromethane	ND	ND			2.0	0.32	ug/L			10/31/14 12:46	1
Dibromomethane	ND	ND			2.0	0.41	ug/L			10/31/14 12:46	1
Dichlorodifluoromethane	ND	ND			2.0	0.68	ug/L			10/31/14 12:46	1
Ethyl methacrylate	ND	ND			2.0	0.59	ug/L			10/31/14 12:46	1
Ethylbenzene	ND	ND			2.0	0.74	ug/L			10/31/14 12:46	1
Hexachlorobutadiene	ND	ND			1.0	0.28	ug/L			10/31/14 12:46	1
Iodomethane	ND	ND			2.0	0.30	ug/L			10/31/14 12:46	1
Isobutyl alcohol	ND	ND			1000	4.8	ug/L			10/31/14 12:46	1
Methacrylonitrile	ND	ND			10	0.69	ug/L			10/31/14 12:46	1
Methyl methacrylate	ND	ND			10	0.61	ug/L			10/31/14 12:46	1
Methylene Chloride	ND	ND			2.0	0.44	ug/L			10/31/14 12:46	1
Naphthalene	ND	ND			1.0	0.43	ug/L			10/31/14 12:46	1
Pentachloroethane	ND	ND			1.0	0.34	ug/L			10/31/14 12:46	1
Propionitrile	ND	ND			50	5.8	ug/L			10/31/14 12:46	1
Tetrachloroethene	ND	ND			2.0	0.36	ug/L			10/31/14 12:46	1
Tetrahydrofuran	ND	ND			5.0	1.3	ug/L			10/31/14 12:46	1
Toluene	ND	ND			2.0	0.51	ug/L			10/31/14 12:46	1

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-211255/8

Matrix: Water

Analysis Batch: 211255

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			10/31/14 12:46	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			10/31/14 12:46	1
Trichloroethene	ND				2.0	0.46	ug/L			10/31/14 12:46	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			10/31/14 12:46	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			10/31/14 12:46	1
Vinyl acetate	ND				10	0.85	ug/L			10/31/14 12:46	1
Styrene	ND				2.0	0.73	ug/L			10/31/14 12:46	1
Vinyl chloride	ND				1.0	0.90	ug/L			10/31/14 12:46	1
Allyl chloride	ND				2.0	0.44	ug/L			10/31/14 12:46	1
Xylenes, Total	ND				3.0	0.66	ug/L			10/31/14 12:46	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1,2-Dichloroethane-d4 (Surr)	97		86 - 118				10/31/14 12:46	1
4-Bromofluorobenzene (Surr)	100		86 - 115				10/31/14 12:46	1
Toluene-d8 (Surr)	96		88 - 110				10/31/14 12:46	1

Lab Sample ID: LCS 480-211255/5

Matrix: Water

Analysis Batch: 211255

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits	%Rec.
	Added	Result	Qualifier							
1,1-Dichloroethene	25.0	26.2				ug/L		105	72 - 127	
Benzene	25.0	24.5				ug/L		98	78 - 124	
Chlorobenzene	25.0	24.1				ug/L		96	78 - 124	
Toluene	25.0	25.1				ug/L		100	77 - 123	
Trichloroethene	25.0	26.0				ug/L		104	75 - 124	

Surrogate	LCS	LCS	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1,2-Dichloroethane-d4 (Surr)	104		86 - 118					
4-Bromofluorobenzene (Surr)	101		86 - 115					
Toluene-d8 (Surr)	98		88 - 110					

Lab Sample ID: LCSD 480-211255/6

Matrix: Water

Analysis Batch: 211255

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
	Added	Result	Qualifier								
1,1-Dichloroethene	25.0	24.9				ug/L		100	72 - 127	5	18
Benzene	25.0	23.7				ug/L		95	78 - 124	3	18
Chlorobenzene	25.0	23.9				ug/L		95	78 - 124	1	18
Toluene	25.0	24.8				ug/L		99	77 - 123	1	19
Trichloroethene	25.0	25.1				ug/L		100	75 - 124	4	21

Surrogate	LCSD	LCSD	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
1,2-Dichloroethane-d4 (Surr)	108		86 - 118					
4-Bromofluorobenzene (Surr)	103		86 - 115					
Toluene-d8 (Surr)	98		88 - 110					

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 8011 - EDB and DBCP in Water by Microextraction

Lab Sample ID: MB 480-208621/1-A

Matrix: Water

Analysis Batch: 208648

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
1,2-Dibromoethane	ND				0.010	0.0075	ug/L		10/18/14 11:45	10/18/14 16:06	1
1,2-Dibromo-3-Chloropropane	ND				0.010	0.0057	ug/L		10/18/14 11:45	10/18/14 16:06	1

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 208621

Lab Sample ID: LCS 480-208621/2-A

Matrix: Water

Analysis Batch: 208648

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits	RPD
	Added	Result	Qualifier							
1,2-Dibromoethane	0.214	0.140				ug/L		65	46 - 157	
1,2-Dibromo-3-Chloropropane	0.214	0.116				ug/L		54	43 - 173	

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 208621

Lab Sample ID: LCSD 480-208621/3-A

Matrix: Water

Analysis Batch: 208648

Analyte	Spike	LCSD	LCSD	Result	Qualifier	Unit	D	%Rec	Limits	RPD
	Added	Result	Qualifier							
1,2-Dibromoethane	0.218	0.145				ug/L		66	46 - 157	3
1,2-Dibromo-3-Chloropropane	0.218	0.145				ug/L		66	43 - 173	22

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 208621

Lab Sample ID: MB 480-208622/1-A

Matrix: Water

Analysis Batch: 208648

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
1,2-Dibromoethane	ND				0.010	0.0075	ug/L		10/18/14 11:48	10/19/14 03:55	1
1,2-Dibromo-3-Chloropropane	ND				0.010	0.0057	ug/L		10/18/14 11:48	10/19/14 03:55	1

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 208622

Lab Sample ID: LCS 480-208622/2-A

Matrix: Water

Analysis Batch: 208648

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits	RPD
	Added	Result	Qualifier							
1,2-Dibromoethane	0.223	0.178				ug/L		80	46 - 157	
1,2-Dibromo-3-Chloropropane	0.223	0.192				ug/L		86	43 - 173	

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 208622

Lab Sample ID: LCSD 480-208622/3-A

Matrix: Water

Analysis Batch: 208648

Analyte	Spike	LCSD	LCSD	Result	Qualifier	Unit	D	%Rec	Limits	RPD
	Added	Result	Qualifier							
1,2-Dibromoethane	0.219	0.163				ug/L		74	46 - 157	9
1,2-Dibromo-3-Chloropropane	0.219	0.167				ug/L		76	43 - 173	14

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 208622

Lab Sample ID: MB 480-209354/1-A

Matrix: Water

Analysis Batch: 209312

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
1,2-Dibromoethane	ND				0.010	0.0075	ug/L		10/22/14 14:54	10/23/14 05:42	1

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 209354

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 8011 - EDB and DBCP in Water by Microextraction (Continued)

Lab Sample ID: MB 480-209354/1-A

Matrix: Water

Analysis Batch: 209312

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
1,2-Dibromo-3-Chloropropane	ND				0.010	0.0057	ug/L		10/22/14 14:54	10/23/14 05:42	1

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 209354

Lab Sample ID: LCS 480-209354/2-A

Matrix: Water

Analysis Batch: 209312

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
	Added	Result	Qualifier								
1,2-Dibromoethane	0.213	0.179		ug/L				84	46 - 157		
1,2-Dibromo-3-Chloropropane	0.213	0.184		ug/L				87	43 - 173		

Lab Sample ID: LCSD 480-209354/3-A

Matrix: Water

Analysis Batch: 209312

Analyte	Spike	LCSD	LCSD	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
	Added	Result	Qualifier								
1,2-Dibromoethane	0.214	0.206		ug/L				96	46 - 157	14	40
1,2-Dibromo-3-Chloropropane	0.214	0.213		ug/L				99	43 - 173	14	40

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 209354

Lab Sample ID: MB 480-209623/1-A

Matrix: Water

Analysis Batch: 209684

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
1,2-Dibromoethane	ND				0.010	0.0075	ug/L		10/23/14 13:41	10/23/14 19:27	1
1,2-Dibromo-3-Chloropropane	ND				0.010	0.0057	ug/L		10/23/14 13:41	10/23/14 19:27	1

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 209623

Lab Sample ID: LCS 480-209623/2-A

Matrix: Water

Analysis Batch: 209684

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
	Added	Result	Qualifier								
1,2-Dibromoethane	0.214	0.209		ug/L				98	46 - 157		
1,2-Dibromo-3-Chloropropane	0.214	0.201		ug/L				94	43 - 173		

Lab Sample ID: 480-69567-18MS

Matrix: Water

Analysis Batch: 209684

Analyte	Sample	Sample	Spike	MS	MS	Result	Qualifier	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier						
1,2-Dibromoethane	ND		0.216	0.249		ug/L				115	41 - 150
1,2-Dibromo-3-Chloropropane	ND		0.216	0.243		ug/L				112	42 - 152

Client Sample ID: MP-281C

Prep Type: Total/NA

Prep Batch: 209623

Lab Sample ID: 480-69567-18MSD

Matrix: Water

Analysis Batch: 209684

Analyte	Sample	Sample	Spike	MSD	MSD	Result	Qualifier	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier						
1,2-Dibromoethane	ND		0.214	0.218		ug/L				102	41 - 150
1,2-Dibromo-3-Chloropropane	ND		0.214	0.219		ug/L				102	42 - 152

Client Sample ID: MP-281C

Prep Type: Total/NA

Prep Batch: 209623

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 480-208563/1-A

Matrix: Water

Analysis Batch: 208749

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 208563

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							Prepared	Analyzed	Dil Fac
PCB-1016	ND				0.50	0.18	ug/L		10/18/14 08:04	10/20/14 09:11	1
PCB-1221	ND				0.50	0.18	ug/L		10/18/14 08:04	10/20/14 09:11	1
PCB-1232	ND				0.50	0.18	ug/L		10/18/14 08:04	10/20/14 09:11	1
PCB-1242	ND				0.50	0.18	ug/L		10/18/14 08:04	10/20/14 09:11	1
PCB-1248	ND				0.50	0.18	ug/L		10/18/14 08:04	10/20/14 09:11	1
PCB-1254	ND				0.50	0.25	ug/L		10/18/14 08:04	10/20/14 09:11	1
PCB-1260	ND				0.50	0.25	ug/L		10/18/14 08:04	10/20/14 09:11	1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Tetrachloro-m-xylene	70		24 - 150			10/18/14 08:04	10/20/14 09:11	1
DCB Decachlorobiphenyl	65		24 - 150			10/18/14 08:04	10/20/14 09:11	1

Lab Sample ID: LCS 480-208563/2-A

Matrix: Water

Analysis Batch: 208749

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 208563

Analyte	MB	MB	Spike	Added	LCS	LCS	Unit	D	%Rec	Limits	%Rec.
	Result	Qualifier									
PCB-1016			4.00		3.72		ug/L		93	29 - 123	
PCB-1260			4.00		2.90		ug/L		73	50 - 122	
Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac	Limits	%Rec.	RPD
	Result	Qualifier									
Tetrachloro-m-xylene	82		24 - 150			10/18/14 08:04	10/20/14 09:11	1			
DCB Decachlorobiphenyl	68		24 - 150			10/18/14 08:04	10/20/14 09:11	1			

Lab Sample ID: LCSD 480-208563/3-A

Matrix: Water

Analysis Batch: 208749

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 208563

Analyte	MB	MB	Spike	Added	LCSD	LCSD	Unit	D	%Rec	Limits	RPD
	Result	Qualifier									
PCB-1016			4.00		3.63		ug/L		91	29 - 123	3
PCB-1260			4.00		3.04		ug/L		76	50 - 122	4
Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac	Limits	RPD	Limit
	Result	Qualifier									
Tetrachloro-m-xylene	82		24 - 150			10/18/14 08:04	10/20/14 09:11	1			
DCB Decachlorobiphenyl	66		24 - 150			10/18/14 08:04	10/20/14 09:11	1			

Lab Sample ID: MB 480-208570/1-A

Matrix: Water

Analysis Batch: 208756

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 208570

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							Prepared	Analyzed	Dil Fac
PCB-1016			ND		0.50	0.18	ug/L		10/18/14 08:16	10/20/14 09:08	1
PCB-1221			ND		0.50	0.18	ug/L		10/18/14 08:16	10/20/14 09:08	1
PCB-1232			ND		0.50	0.18	ug/L		10/18/14 08:16	10/20/14 09:08	1
PCB-1242			ND		0.50	0.18	ug/L		10/18/14 08:16	10/20/14 09:08	1
PCB-1248			ND		0.50	0.18	ug/L		10/18/14 08:16	10/20/14 09:08	1
PCB-1254			ND		0.50	0.25	ug/L		10/18/14 08:16	10/20/14 09:08	1

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: MB 480-208570/1-A

Matrix: Water

Analysis Batch: 208756

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 208570

Analyte	MB		Result	Qualifier	RL	MDL	Unit	D	Prepared		Analyzed	Dil Fac
	MB	MB							Prepared	Analyzed		
PCB-1260	ND				0.50	0.25	ug/L		10/18/14 08:16	10/20/14 09:08	1	
Surrogate	MB	MB										
Tetrachloro-m-xylene	74				24 - 150				10/18/14 08:16	10/20/14 09:08	1	
DCB Decachlorobiphenyl	69				24 - 150				10/18/14 08:16	10/20/14 09:08	1	

Lab Sample ID: LCS 480-208570/2-A

Matrix: Water

Analysis Batch: 208756

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 208570

Analyte	Spike		Result	Qualifier	Unit	D	%Rec	%Rec.		Limits
	Added	LCS						LCS	LCS	
PCB-1016	4.00		3.83		ug/L		96	29 - 123		
PCB-1260	4.00		3.27		ug/L		82	50 - 122		
Surrogate	LCS	LCS								
Tetrachloro-m-xylene	79		24 - 150							
DCB Decachlorobiphenyl	71		24 - 150							

Lab Sample ID: LCSD 480-208570/3-A

Matrix: Water

Analysis Batch: 208756

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 208570

Analyte	Spike		Result	Qualifier	Unit	D	%Rec	%Rec.		RPD
	Added	LCSD						LCSD	LCSD	
PCB-1016	4.00		3.92		ug/L		98	29 - 123		2
PCB-1260	4.00		3.35		ug/L		84	50 - 122		2
Surrogate	LCSD	LCSD								
Tetrachloro-m-xylene	82		24 - 150							
DCB Decachlorobiphenyl	71		24 - 150							

Lab Sample ID: MB 480-209639/1-A

Matrix: Water

Analysis Batch: 209932

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 209639

Analyte	MB		Result	Qualifier	RL	MDL	Unit	D	Prepared		Analyzed	Dil Fac
	MB	MB							Prepared	Analyzed		
PCB-1016	ND				0.50	0.18	ug/L		10/23/14 14:32	10/25/14 03:50	1	
PCB-1221	ND				0.50	0.18	ug/L		10/23/14 14:32	10/25/14 03:50	1	
PCB-1232	ND				0.50	0.18	ug/L		10/23/14 14:32	10/25/14 03:50	1	
PCB-1242	ND				0.50	0.18	ug/L		10/23/14 14:32	10/25/14 03:50	1	
PCB-1248	ND				0.50	0.18	ug/L		10/23/14 14:32	10/25/14 03:50	1	
PCB-1254	ND				0.50	0.25	ug/L		10/23/14 14:32	10/25/14 03:50	1	
PCB-1260	ND				0.50	0.25	ug/L		10/23/14 14:32	10/25/14 03:50	1	
Surrogate	MB	MB										
Tetrachloro-m-xylene	84		24 - 150						10/23/14 14:32	10/25/14 03:50	1	
DCB Decachlorobiphenyl	108		24 - 150						10/23/14 14:32	10/25/14 03:50	1	

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-209639/2-A

Matrix: Water

Analysis Batch: 209932

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 209639

Analyte		Spike	LCS	LCS	Unit	D	%Rec	Limits
		Added	Result	Qualifier				
PCB-1016		4.00	3.30		ug/L		83	29 - 123
PCB-1260		4.00	3.31		ug/L		83	50 - 122
Surrogate								
Tetrachloro-m-xylene	%Recovery		LCS	LCS				
			Qualifer	Limits				
	64			24 - 150				
DCB Decachlorobiphenyl	84			24 - 150				

Lab Sample ID: 480-69567-18MS

Matrix: Water

Analysis Batch: 209932

Client Sample ID: MP-281C

Prep Type: Total/NA

Prep Batch: 209639

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
PCB-1016	ND		3.72	3.22		ug/L		87	29 - 123
PCB-1260	ND		3.72	3.41		ug/L		92	50 - 122
Surrogate									
Tetrachloro-m-xylene	%Recovery		MS	MS					
			Qualifer	Limits					
	67			24 - 150					
DCB Decachlorobiphenyl	86			24 - 150					

Lab Sample ID: 480-69567-18MSD

Matrix: Water

Analysis Batch: 209932

Client Sample ID: MP-281C

Prep Type: Total/NA

Prep Batch: 209639

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
PCB-1016	ND		3.64	3.45		ug/L		95	29 - 123	7	30
PCB-1260	ND		3.64	3.80		ug/L		104	50 - 122	11	30
Surrogate											
Tetrachloro-m-xylene	%Recovery		MSD	MSD							
			Qualifer	Limits							
	81			24 - 150							
DCB Decachlorobiphenyl	100			24 - 150							

Lab Sample ID: MB 480-210024/1-A

Matrix: Water

Analysis Batch: 210196

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 210024

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
PCB-1016	ND		0.50	0.18	ug/L		10/25/14 08:13	10/28/14 13:17	1
PCB-1221	ND		0.50	0.18	ug/L		10/25/14 08:13	10/28/14 13:17	1
PCB-1232	ND		0.50	0.18	ug/L		10/25/14 08:13	10/28/14 13:17	1
PCB-1242	ND		0.50	0.18	ug/L		10/25/14 08:13	10/28/14 13:17	1
PCB-1248	ND		0.50	0.18	ug/L		10/25/14 08:13	10/28/14 13:17	1
PCB-1254	ND		0.50	0.25	ug/L		10/25/14 08:13	10/28/14 13:17	1
PCB-1260	ND		0.50	0.25	ug/L		10/25/14 08:13	10/28/14 13:17	1
Surrogate									
Tetrachloro-m-xylene	%Recovery		MB	MB					
			Qualifer	Limits					
	75			24 - 150					
DCB Decachlorobiphenyl	48			24 - 150					

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: LCS 480-210024/2-A

Matrix: Water

Analysis Batch: 210196

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
		3.54	ug/L				
PCB-1016	4.00						
PCB-1260	4.00	3.32		ug/L		83	50 - 122
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
Tetrachloro-m-xylene	90		24 - 150				
DCB Decachlorobiphenyl	62		24 - 150				

Lab Sample ID: LCSD 480-210024/3-A

Matrix: Water

Analysis Batch: 210196

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.	RPD
		3.40	ug/L					
PCB-1016	4.00							
PCB-1260	4.00	3.02		ug/L		76	50 - 122	9
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits					
Tetrachloro-m-xylene	88		24 - 150					
DCB Decachlorobiphenyl	59		24 - 150					

Method: 6010C - Metals (ICP)

Lab Sample ID: MB 480-208580/1-A

Matrix: Water

Analysis Batch: 209227

Analyte	MB Result	MB Qualifier	RL	MB MDL	MB Unit	D	Prepared	Analyzed	Dil Fac
	ND			0.00070	mg/L				
Barium, Dissolved	ND		0.0020				10/20/14 08:15	10/21/14 17:51	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 17:51	1

Lab Sample ID: LCS 480-208580/2-A

Matrix: Water

Analysis Batch: 209227

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec.
		0.205	mg/L				
Barium, Dissolved	0.200						
Chromium, Dissolved	0.201	0.195		mg/L		97	80 - 120

Lab Sample ID: MB 480-208588/1-A

Matrix: Water

Analysis Batch: 209224

Analyte	MB Result	MB Qualifier	RL	MB MDL	MB Unit	D	Prepared	Analyzed	Dil Fac
	ND			0.00070	mg/L				
Barium, Dissolved	ND		0.0020				10/20/14 08:15	10/21/14 16:08	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L		10/20/14 08:15	10/21/14 16:08	1

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: LCS 480-208588/2-A

Matrix: Water

Analysis Batch: 209224

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 208588

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Barium, Dissolved	0.200	0.203		mg/L		101	80 - 120
Chromium, Dissolved	0.201	0.194		mg/L		97	80 - 120

Lab Sample ID: MB 480-208625/1-A

Matrix: Water

Analysis Batch: 209797

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 208625

Analyte	MB Result	MB Qualifier	RL	MDL		Unit	D	Prepared	Analyzed	Dil Fac
				MDL	Unit					
Barium, Dissolved	ND		0.0020	0.00070	mg/L			10/20/14 08:20	10/23/14 20:13	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L			10/20/14 08:20	10/23/14 20:13	1

Lab Sample ID: LCS 480-208625/2-A

Matrix: Water

Analysis Batch: 209797

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 208625

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Barium, Dissolved	0.200	0.196		mg/L		98	80 - 120
Chromium, Dissolved	0.201	0.196		mg/L		98	80 - 120

Lab Sample ID: MB 480-208629/1-A

Matrix: Water

Analysis Batch: 209226

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 208629

Analyte	MB Result	MB Qualifier	RL	MDL		Unit	D	Prepared	Analyzed	Dil Fac
				MDL	Unit					
Barium, Dissolved	ND		0.0020	0.00070	mg/L			10/20/14 12:10	10/21/14 14:37	1
Chromium, Dissolved	ND		0.0050	0.0010	mg/L			10/20/14 12:10	10/21/14 14:37	1

Lab Sample ID: LCS 480-208629/2-A

Matrix: Water

Analysis Batch: 209226

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 208629

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Barium, Dissolved	0.200	0.200		mg/L		100	80 - 120
Chromium, Dissolved	0.201	0.191		mg/L		95	80 - 120

Lab Sample ID: 480-69451-1 MS

Matrix: Water

Analysis Batch: 209224

Client Sample ID: MP-210AR

Prep Type: Dissolved

Prep Batch: 208588

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	Limits
				MS Result	MS Qualifier				
Barium, Dissolved	0.056		0.200	0.254		mg/L		99	75 - 125
Chromium, Dissolved	ND		0.201	0.191		mg/L		95	75 - 125

Lab Sample ID: 480-69451-1 MSD

Matrix: Water

Analysis Batch: 209224

Client Sample ID: MP-210AR

Prep Type: Dissolved

Prep Batch: 208588

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	Limits	RPD
				MSD Result	MSD Qualifier					
Barium, Dissolved	0.056		0.200	0.259		mg/L		101	75 - 125	2

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 6010C - Metals (ICP) (Continued)

Lab Sample ID: 480-69451-1 MSD

Matrix: Water

Analysis Batch: 209224

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Chromium, Dissolved	ND		0.201	0.196		mg/L		98	75 - 125	3	20

Lab Sample ID: 480-69567-18MS

Matrix: Water

Analysis Batch: 209797

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Barium, Dissolved	0.049		0.200	0.237		mg/L		94	75 - 125		
Chromium, Dissolved	ND		0.201	0.188		mg/L		94	75 - 125		

Lab Sample ID: 480-69567-18MSD

Matrix: Water

Analysis Batch: 209797

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Barium, Dissolved	0.049		0.200	0.224		mg/L		88	75 - 125	5	20
Chromium, Dissolved	ND		0.201	0.178		mg/L		89	75 - 125	6	20

Lab Sample ID: 480-69567-21 MS

Matrix: Water

Analysis Batch: 209226

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Barium, Dissolved	0.026		0.200	0.228		mg/L		101	75 - 125		
Chromium, Dissolved	0.0015	J	0.201	0.192		mg/L		95	75 - 125		

Lab Sample ID: 480-69567-21 MSD

Matrix: Water

Analysis Batch: 209226

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Barium, Dissolved	0.026		0.200	0.226		mg/L		100	75 - 125	1	20
Chromium, Dissolved	0.0015	J	0.201	0.193		mg/L		95	75 - 125	0	20

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 480-208413/1-A

Matrix: Water

Analysis Batch: 210239

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic, Dissolved	ND		0.0010	0.000078	mg/L		10/17/14 12:05	10/26/14 08:26	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:05	10/26/14 08:26	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:05	10/26/14 08:26	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:05	10/26/14 08:26	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:05	10/26/14 08:26	1

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 208413

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 480-208413/2-A

Matrix: Water

Analysis Batch: 210239

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 208413

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Arsenic, Dissolved	0.0200	0.0202		mg/L		101	80 - 120
Cadmium, Dissolved	0.0200	0.0209		mg/L		105	80 - 120
Lead, Dissolved	0.0200	0.0213		mg/L		106	80 - 120
Silver, Dissolved	0.0200	0.0198		mg/L		99	80 - 120
Selenium, Dissolved	0.0200	0.0208		mg/L		104	80 - 120

Lab Sample ID: MB 480-208414/1-A

Matrix: Water

Analysis Batch: 210505

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 208414

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic, Dissolved	ND		0.0010	0.000078	mg/L		10/17/14 12:03	10/28/14 01:34	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/17/14 12:03	10/28/14 01:34	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/17/14 12:03	10/28/14 01:34	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/17/14 12:03	10/28/14 01:34	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/17/14 12:03	10/28/14 01:34	1

Lab Sample ID: LCS 480-208414/2-A

Matrix: Water

Analysis Batch: 210505

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 208414

Analyte	MB	MB	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Result	Qualifier							
Arsenic, Dissolved	ND		0.0200	0.0197		mg/L		99	80 - 120
Cadmium, Dissolved	ND		0.0200	0.0210		mg/L		105	80 - 120
Lead, Dissolved	ND		0.0200	0.0200		mg/L		100	80 - 120
Silver, Dissolved	ND		0.0200	0.0200		mg/L		100	80 - 120
Selenium, Dissolved	ND		0.0200	0.0202		mg/L		101	80 - 120

Lab Sample ID: MB 480-208737/1-A

Matrix: Water

Analysis Batch: 213132

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 208737

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Arsenic, Dissolved	ND		0.0010		0.000078	mg/L			10/20/14 12:14	11/09/14 18:50	1
Cadmium, Dissolved	ND		0.0010		0.000071	mg/L			10/20/14 12:14	11/09/14 18:50	1
Lead, Dissolved	ND		0.0050		0.000069	mg/L			10/20/14 12:14	11/09/14 18:50	1
Silver, Dissolved	ND		0.0030		0.000014	mg/L			10/20/14 12:14	11/09/14 18:50	1
Selenium, Dissolved	ND		0.015		0.00044	mg/L			10/20/14 12:14	11/09/14 18:50	1

Lab Sample ID: LCS 480-208737/2-A

Matrix: Water

Analysis Batch: 213132

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 208737

Analyte	MB	MB	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Result	Qualifier							
Arsenic, Dissolved	ND		0.0200	0.0210		mg/L		105	80 - 120
Cadmium, Dissolved	ND		0.0200	0.0217		mg/L		108	80 - 120
Lead, Dissolved	ND		0.0200	0.0210		mg/L		105	80 - 120
Silver, Dissolved	ND		0.0200	0.0195		mg/L		97	80 - 120
Selenium, Dissolved	ND		0.0200	0.0222		mg/L		111	80 - 120

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 480-208851/1-A

Matrix: Water

Analysis Batch: 209327

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 208851

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Arsenic, Dissolved	ND				0.0010	0.000078	mg/L		10/21/14 12:14	10/22/14 04:18	1
Cadmium, Dissolved	ND				0.0010	0.000071	mg/L		10/21/14 12:14	10/22/14 04:18	1
Lead, Dissolved	ND				0.0050	0.000069	mg/L		10/21/14 12:14	10/22/14 04:18	1
Silver, Dissolved	ND				0.0030	0.000014	mg/L		10/21/14 12:14	10/22/14 04:18	1

Lab Sample ID: MB 480-208851/1-A

Matrix: Water

Analysis Batch: 209685

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 208851

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Selenium, Dissolved	ND				0.015	0.00044	mg/L		10/21/14 12:14	10/23/14 17:02	1

Lab Sample ID: LCS 480-208851/2-A

Matrix: Water

Analysis Batch: 209327

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 208851

Analyte	Spike Added	LC	LC	Result	Qualifier	Unit	D	%Rec	Limits	%Rec.
		Spike	LC							
Arsenic, Dissolved	0.0200	0.0198				mg/L		99	80 - 120	
Cadmium, Dissolved	0.0200	0.0206				mg/L		103	80 - 120	
Lead, Dissolved	0.0200	0.0210				mg/L		105	80 - 120	
Silver, Dissolved	0.0200	0.0184				mg/L		92	80 - 120	

Lab Sample ID: LCS 480-208851/2-A

Matrix: Water

Analysis Batch: 209685

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 208851

Analyte	Spike Added	LC	LC	Result	Qualifier	Unit	D	%Rec	Limits	%Rec.
		Spike	LC							
Selenium, Dissolved	0.0200	0.0208				mg/L		104	80 - 120	

Lab Sample ID: LCSD 480-208851/3-A

Matrix: Water

Analysis Batch: 209327

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 208851

Analyte	Spike Added	LCSD	LCSD	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
		Spike	LCSD								
Arsenic, Dissolved	0.0200	0.0194				mg/L		97	80 - 120	2	20
Cadmium, Dissolved	0.0200	0.0206				mg/L		103	80 - 120	0	20
Lead, Dissolved	0.0200	0.0211				mg/L		106	80 - 120	0	20
Silver, Dissolved	0.0200	0.0177				mg/L		89	80 - 120	4	20

Lab Sample ID: LCSD 480-208851/3-A

Matrix: Water

Analysis Batch: 209685

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 208851

Analyte	Spike Added	LCSD	LCSD	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
		Spike	LCSD								
Selenium, Dissolved	0.0200	0.0201				mg/L		100	80 - 120	4	20

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 480-209019/1-A

Matrix: Water

Analysis Batch: 210070

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 209019

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic, Dissolved	ND		0.0010	0.000078	mg/L		10/21/14 11:06	10/24/14 20:33	1
Cadmium, Dissolved	ND		0.0010	0.000071	mg/L		10/21/14 11:06	10/24/14 20:33	1
Lead, Dissolved	ND		0.0050	0.000069	mg/L		10/21/14 11:06	10/24/14 20:33	1
Silver, Dissolved	ND		0.0030	0.000014	mg/L		10/21/14 11:06	10/24/14 20:33	1

Lab Sample ID: LCS 480-209019/2-A

Matrix: Water

Analysis Batch: 210070

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 209019

Analyte	MB	MB	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Arsenic, Dissolved			0.0200	0.0195		mg/L		98	80 - 120
Cadmium, Dissolved			0.0200	0.0204		mg/L		102	80 - 120
Lead, Dissolved			0.0200	0.0203		mg/L		102	80 - 120
Silver, Dissolved			0.0200	0.0177		mg/L		89	80 - 120

Lab Sample ID: MB 480-210731/1-A

Matrix: Water

Analysis Batch: 211709

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 210731

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Arsenic, Dissolved	ND		0.0010	0.000078	mg/L		10/29/14 11:35	11/01/14 06:22	1
Selenium, Dissolved	ND		0.015	0.00044	mg/L		10/29/14 11:35	11/01/14 06:22	1

Lab Sample ID: LCS 480-210731/2-A

Matrix: Water

Analysis Batch: 211709

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 210731

Analyte	MB	MB	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Arsenic, Dissolved			0.0200	0.0195		mg/L		97	80 - 120
Selenium, Dissolved			0.0200	0.0199		mg/L		99	80 - 120

Lab Sample ID: 480-69451-16 MS

Matrix: Water

Analysis Batch: 210505

Client Sample ID: MP-211BR

Prep Type: Dissolved

Prep Batch: 208414

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Arsenic, Dissolved	0.00051	J	0.0200	0.0221		mg/L		108	75 - 125
Cadmium, Dissolved	0.00015	J	0.0200	0.0217		mg/L		108	75 - 125
Lead, Dissolved	0.00027	J	0.0200	0.0196		mg/L		97	75 - 125
Silver, Dissolved	ND		0.0200	0.0194		mg/L		97	75 - 125
Selenium, Dissolved	ND		0.0200	0.0221		mg/L		111	75 - 125

Lab Sample ID: 480-69451-16 MSD

Matrix: Water

Analysis Batch: 210505

Client Sample ID: MP-211BR

Prep Type: Dissolved

Prep Batch: 208414

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD
	Result	Qualifier	Added	Result	Qualifier					
Arsenic, Dissolved	0.00051	J	0.0200	0.0214		mg/L		105	75 - 125	3
Cadmium, Dissolved	0.00015	J	0.0200	0.0210		mg/L		104	75 - 125	3

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 480-69451-16 MSD

Matrix: Water

Analysis Batch: 210505

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Lead, Dissolved	0.00027	J	0.0200	0.0205		mg/L		101	75 - 125	5	20
Silver, Dissolved	ND		0.0200	0.0191		mg/L		96	75 - 125	1	20
Selenium, Dissolved	ND		0.0200	0.0212		mg/L		106	75 - 125	4	20

Client Sample ID: MP-211BR

Prep Type: Dissolved

Prep Batch: 208414

Lab Sample ID: 480-69567-18MS

Matrix: Water

Analysis Batch: 213132

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Arsenic, Dissolved	0.0047		0.0200	0.0258		mg/L		105	75 - 125		
Cadmium, Dissolved	ND		0.0200	0.0206		mg/L		103	75 - 125		
Lead, Dissolved	ND		0.0200	0.0195		mg/L		98	75 - 125		
Silver, Dissolved	ND		0.0200	0.0178		mg/L		89	75 - 125		
Selenium, Dissolved	0.00080	J	0.0200	0.0230		mg/L		111	75 - 125		

Client Sample ID: MP-281C

Prep Type: Dissolved

Prep Batch: 208737

Lab Sample ID: 480-69567-18MSD

Matrix: Water

Analysis Batch: 213132

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Arsenic, Dissolved	0.0047		0.0200	0.0263		mg/L		108	75 - 125	2	20
Cadmium, Dissolved	ND		0.0200	0.0208		mg/L		104	75 - 125	1	20
Lead, Dissolved	ND		0.0200	0.0201		mg/L		100	75 - 125	3	20
Silver, Dissolved	ND		0.0200	0.0179		mg/L		90	75 - 125	1	20
Selenium, Dissolved	0.00080	J	0.0200	0.0234		mg/L		113	75 - 125	2	20

Client Sample ID: MP-281C

Prep Type: Dissolved

Prep Batch: 208737

Lab Sample ID: 480-69567-22 MS

Matrix: Water

Analysis Batch: 209327

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Arsenic, Dissolved	0.00052	J	0.0200	0.0207		mg/L		101	75 - 125		
Cadmium, Dissolved	ND		0.0200	0.0203		mg/L		101	75 - 125		
Lead, Dissolved	ND		0.0200	0.0194		mg/L		97	75 - 125		
Silver, Dissolved	ND		0.0200	0.0174		mg/L		87	75 - 125		

Client Sample ID: MP-238R

Prep Type: Dissolved

Prep Batch: 208851

Lab Sample ID: 480-69567-22 MS

Matrix: Water

Analysis Batch: 209685

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Selenium, Dissolved	ND		0.0200	0.0207		mg/L		104	75 - 125		

Client Sample ID: MP-238R

Prep Type: Dissolved

Prep Batch: 208851

Lab Sample ID: 480-69567-22 MSD

Matrix: Water

Analysis Batch: 209327

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier						
Arsenic, Dissolved	0.00052	J	0.0200	0.0209		mg/L		102	75 - 125	1	20

Client Sample ID: MP-238R

Prep Type: Dissolved

Prep Batch: 208851

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: 480-69567-22 MSD

Matrix: Water

Analysis Batch: 209327

Client Sample ID: MP-238R

Prep Type: Dissolved

Prep Batch: 208851

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Cadmium, Dissolved	ND		0.0200	0.0208		mg/L		104	75 - 125	2		20
Lead, Dissolved	ND		0.0200	0.0199		mg/L		100	75 - 125	3		20
Silver, Dissolved	ND		0.0200	0.0174		mg/L		87	75 - 125	0		20

Lab Sample ID: 480-69567-22 MSD

Client Sample ID: MP-238R

Prep Type: Dissolved

Prep Batch: 208851

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	Limits	RPD	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Selenium, Dissolved	ND		0.0200	0.0217		mg/L		109	75 - 125	5		20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 480-208717/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 208848

Prep Batch: 208717

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 11:53	1

Lab Sample ID: LCS 480-208717/2-A

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 208848

Prep Batch: 208717

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Mercury, Dissolved	0.00667	0.00725		mg/L		109	80 - 120

Lab Sample ID: MB 480-208718/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 208848

Prep Batch: 208718

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/20/14 08:05	10/20/14 12:45	1

Lab Sample ID: LCS 480-208718/2-A

Client Sample ID: Lab Control Sample

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 208848

Prep Batch: 208718

Analyte	Spike	LCS	LCS	Unit	D	%Rec	Limits
	Added	Result	Qualifier				
Mercury, Dissolved	0.00667	0.00717		mg/L		107	80 - 120

Lab Sample ID: MB 480-209026/1-A

Client Sample ID: Method Blank

Matrix: Water

Prep Type: Total/NA

Analysis Batch: 209191

Prep Batch: 209026

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Mercury, Dissolved	ND		0.00020	0.00012	mg/L		10/21/14 12:45	10/21/14 16:23	1

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 480-209026/2-A

Matrix: Water

Analysis Batch: 209191

Analyte	Spike	LCS	LCS	%Rec.		
	Added	Result	Qualifier	Unit	D	%Rec.
Mercury, Dissolved	0.00667	0.00620		mg/L	93	80 - 120

Lab Sample ID: MB 480-209028/1-A

Matrix: Water

Analysis Batch: 209191

Analyte	MB	MB	%Rec.			
	Result	Qualifier	RL	MDL	Unit	
Mercury, Dissolved	ND		0.00020	0.00012	mg/L	D 10/21/14 12:45

Lab Sample ID: LCS 480-209028/2-A

Matrix: Water

Analysis Batch: 209191

Analyte	Spike	LCS	LCS	%Rec.		
	Added	Result	Qualifier	Unit	D	%Rec.
Mercury, Dissolved	0.00667	0.00618		mg/L	93	80 - 120

Lab Sample ID: 480-69451-11 MS

Matrix: Water

Analysis Batch: 208848

Analyte	Sample	Sample	Spike	MS	MS	%Rec.		
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec.
Mercury, Dissolved	ND		0.00667	0.00710		mg/L	106	80 - 120

Lab Sample ID: 480-69451-11 MSD

Matrix: Water

Analysis Batch: 208848

Analyte	Sample	Sample	Spike	MSD	MSD	%Rec.		
	Result	Qualifier	Added	Result	Qualifier	Unit	D	RPD
Mercury, Dissolved	ND		0.00667	0.00705		mg/L	106	80 - 120

Lab Sample ID: 480-69567-18MS

Matrix: Water

Analysis Batch: 209191

Analyte	Sample	Sample	Spike	MS	MS	%Rec.		
	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec.
Mercury, Dissolved	ND		0.00667	0.00620		mg/L	93	80 - 120

Lab Sample ID: 480-69567-18MSD

Matrix: Water

Analysis Batch: 209191

Analyte	Sample	Sample	Spike	MSD	MSD	%Rec.		
	Result	Qualifier	Added	Result	Qualifier	Unit	D	RPD
Mercury, Dissolved	ND		0.00667	0.00590		mg/L	88	80 - 120

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Method: 9060A - Organic Carbon, Total (TOC)

Lab Sample ID: MB 480-212372/3

Matrix: Water

Analysis Batch: 212372

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Organic Carbon	ND		1.0	0.43	mg/L			11/05/14 14:14	1

Lab Sample ID: LCS 480-212372/4

Matrix: Water

Analysis Batch: 212372

Analyte	Spike	LCS	LCS	Unit	D	%Rec.	Limits
	Added	Result	Qualifier				
Total Organic Carbon	60.0	57.60		mg/L		96	90 - 110

Lab Sample ID: 480-69451-7 MS

Matrix: Water

Analysis Batch: 212372

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	3.2		20.0	19.44		mg/L		81	54 - 131

Lab Sample ID: 480-69451-14 MS

Matrix: Water

Analysis Batch: 212372

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	1.5		20.0	17.50		mg/L		80	54 - 131

Lab Sample ID: 480-69451-6 DU

Matrix: Water

Analysis Batch: 212372

Analyte	Sample	Sample	Spike	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	2.8		20.0	2.59		mg/L		8	20

Lab Sample ID: 480-69451-12 DU

Matrix: Water

Analysis Batch: 212372

Analyte	Sample	Sample	Spike	DU	DU	Unit	D	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	1.7		20.0	1.64		mg/L		3	20

Lab Sample ID: MB 480-212945/29

Matrix: Water

Analysis Batch: 212945

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Organic Carbon	ND		1.0	0.43	mg/L			11/08/14 04:44	1

Lab Sample ID: LCS 480-212945/30

Matrix: Water

Analysis Batch: 212945

Analyte	Spike	LCS	LCS	Unit	D	%Rec.	Limits
	Added	Result	Qualifier				
Total Organic Carbon	60.0	57.02		mg/L		95	90 - 110

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Lab Sample ID: MB 480-212970/27

Matrix: Water

Analysis Batch: 212970

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			11/08/14 06:44	1

Lab Sample ID: MB 480-212970/3

Matrix: Water

Analysis Batch: 212970

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			11/07/14 18:42	1

Lab Sample ID: LCS 480-212970/28

Matrix: Water

Analysis Batch: 212970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Total Organic Carbon	60.0	57.98		mg/L		97	90 - 110

Lab Sample ID: LCS 480-212970/4

Matrix: Water

Analysis Batch: 212970

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Total Organic Carbon	60.0	59.43		mg/L		99	90 - 110

Lab Sample ID: MB 480-213037/27

Matrix: Water

Analysis Batch: 213037

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			11/09/14 01:02	1

Lab Sample ID: MB 480-213037/3

Matrix: Water

Analysis Batch: 213037

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Organic Carbon	ND		1.0	0.43	mg/L			11/08/14 13:58	1

Lab Sample ID: LCS 480-213037/28

Matrix: Water

Analysis Batch: 213037

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Total Organic Carbon	60.0	60.18		mg/L		100	90 - 110

Lab Sample ID: LCS 480-213037/4

Matrix: Water

Analysis Batch: 213037

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Total Organic Carbon	60.0	60.05		mg/L		100	90 - 110

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 9060A - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: 480-69567-13 MS

Matrix: Water

Analysis Batch: 213037

Client Sample ID: MP-402A

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	1.5		20.0	20.73		mg/L		96	54 - 131

Lab Sample ID: 480-69567-18MS

Matrix: Water

Analysis Batch: 213037

Client Sample ID: MP-281C

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	1.0		20.0	19.78		mg/L		94	54 - 131

Lab Sample ID: 480-69567-18MSD

Matrix: Water

Analysis Batch: 213037

Client Sample ID: MP-281C

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	1.0		20.0	19.39		mg/L		92	54 - 131

Lab Sample ID: 480-69567-12 DU

Matrix: Water

Analysis Batch: 213037

Client Sample ID: MP-234AR

Prep Type: Total/NA

Analyte	Sample	Sample	Spike	DU	DU	Unit	D	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	1.4		20.0	1.41		mg/L		2	20

Lab Sample ID: MB 480-213454/27

Matrix: Water

Analysis Batch: 213454

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Organic Carbon	ND		1.0	0.43	mg/L			11/11/14 01:41	1

Lab Sample ID: MB 480-213454/3

Matrix: Water

Analysis Batch: 213454

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Organic Carbon	ND		1.0	0.43	mg/L			11/10/14 14:29	1

Lab Sample ID: LCS 480-213454/28

Matrix: Water

Analysis Batch: 213454

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				
Total Organic Carbon	60.0	55.88		mg/L		93	90 - 110

Lab Sample ID: LCS 480-213454/4

Matrix: Water

Analysis Batch: 213454

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				
Total Organic Carbon	60.0	56.91		mg/L		95	90 - 110

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Lab Sample ID: 480-69567-2 MS

Client Sample ID: MP-235CR
Prep Type: Total/NA

Matrix: Water

Analysis Batch: 213454

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	0.89	J	20.0	19.11		mg/L	91	54 - 131	

Lab Sample ID: 480-69567-9 MS

Client Sample ID: MP-233R
Prep Type: Total/NA

Matrix: Water

Analysis Batch: 213454

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	5.3		20.0	21.84		mg/L	83	54 - 131	

Lab Sample ID: 480-69567-1 DU

Client Sample ID: MP-241R
Prep Type: Total/NA

Matrix: Water

Analysis Batch: 213454

Analyte	Sample	Sample	Spike	DU	DU	Unit	D	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	0.83	J		0.840	J	mg/L		2	20

Lab Sample ID: 480-69567-8 DU

Client Sample ID: DUPLICATE DMP #2
Prep Type: Total/NA

Matrix: Water

Analysis Batch: 213454

Analyte	Sample	Sample	Spike	DU	DU	Unit	D	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	0.87	J		0.848	J	mg/L		2	20

Lab Sample ID: MB 480-213471/3

Client Sample ID: Method Blank
Prep Type: Total/NA

Matrix: Water

Analysis Batch: 213471

Analyte	MB	MB	Spike	DU	DU	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Added	Result	Qualifier					
Total Organic Carbon	ND			1.0	0.43	mg/L			11/11/14 02:02	1

Lab Sample ID: LCS 480-213471/4

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Matrix: Water

Analysis Batch: 213471

Analyte	Sample	Sample	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon			60.0	55.21		mg/L		92	90 - 110

Lab Sample ID: 480-69567-21 MS

Client Sample ID: MP-213A
Prep Type: Total/NA

Matrix: Water

Analysis Batch: 213471

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				
Total Organic Carbon	2.3		20.0	19.40		mg/L	85	54 - 131	

Lab Sample ID: MB 480-213751/3

Client Sample ID: Method Blank
Prep Type: Total/NA

Matrix: Water

Analysis Batch: 213751

Analyte	MB	MB	Spike	DU	DU	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier	Added	Result	Qualifier					
Total Organic Carbon	ND			1.0	0.43	mg/L			11/12/14 14:16	1

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method: 9060A - Organic Carbon, Total (TOC) (Continued)

Lab Sample ID: LCS 480-213751/4

Matrix: Water

Analysis Batch: 213751

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike	LCS	LCS	Unit	D	%Rec.	%Rec.
	Added	Result	Qualifier				
Total Organic Carbon	60.0	55.23		mg/L		92	90 - 110

Lab Sample ID: MB 480-213805/3

Client Sample ID: Method Blank

Prep Type: Total/NA

Analysis Batch: 213805

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Organic Carbon	ND		1.0	0.43	mg/L			11/12/14 02:44	1

Lab Sample ID: LCS 480-213805/4

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analysis Batch: 213805

Analyte	Spike	LCS	LCS	Unit	D	%Rec.	%Rec.
	Added	Result	Qualifier				
Total Organic Carbon	60.0	57.69		mg/L		96	90 - 110

Lab Sample ID: MB 480-216371/3

Client Sample ID: Method Blank

Prep Type: Total/NA

Analysis Batch: 216371

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Total Organic Carbon	ND		1.0	0.43	mg/L			11/26/14 00:01	1

Lab Sample ID: LCS 480-216371/4

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analysis Batch: 216371

Analyte	Spike	LCS	LCS	Unit	D	%Rec.	%Rec.
	Added	Result	Qualifier				
Total Organic Carbon	60.0	63.43		mg/L		106	90 - 110

TestAmerica Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

GC/MS VOA

Analysis Batch: 209694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Total/NA	Water	8260C	5
480-69567-2	MP-235CR	Total/NA	Water	8260C	5
480-69567-3	MP-235BR	Total/NA	Water	8260C	5
480-69567-4	MP-235R	Total/NA	Water	8260C	5
480-69567-5	MP-237	Total/NA	Water	8260C	5
480-69567-6	MP-401A	Total/NA	Water	8260C	5
480-69567-7	MP-401B	Total/NA	Water	8260C	5
480-69567-8	DUPLICATE DMP #2	Total/NA	Water	8260C	8
480-69567-9	MP-233R	Total/NA	Water	8260C	9
480-69567-10	MP-233AR	Total/NA	Water	8260C	9
480-69567-12	MP-234AR	Total/NA	Water	8260C	10
480-69567-13	MP-402A	Total/NA	Water	8260C	10
480-69567-14	MP-274	Total/NA	Water	8260C	11
480-69567-18MS	MP-281C	Total/NA	Water	8260C	11
480-69567-18MSD	MP-281C	Total/NA	Water	8260C	12
LCS 480-209694/4	Lab Control Sample	Total/NA	Water	8260C	12
MB 480-209694/6	Method Blank	Total/NA	Water	8260C	12

Analysis Batch: 209781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-11	MP-234R	Total/NA	Water	8260C	14
480-69567-15	MP-274A	Total/NA	Water	8260C	15
480-69567-16	DUPLICATE DMP #3	Total/NA	Water	8260C	15
480-69567-18	MP-281C	Total/NA	Water	8260C	15
480-69567-20	FIELD BLANK DMP	Total/NA	Water	8260C	
480-69567-21	MP-213A	Total/NA	Water	8260C	
480-69567-22	MP-238R	Total/NA	Water	8260C	
480-69567-23	MP-403A	Total/NA	Water	8260C	
480-69567-24	MP-214BR	Total/NA	Water	8260C	
LCS 480-209781/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-209781/6	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 210131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Total/NA	Water	8260C	
480-69451-2	MP-406C	Total/NA	Water	8260C	
480-69451-3	MP-409	Total/NA	Water	8260C	
480-69451-4	MP-280	Total/NA	Water	8260C	
480-69451-5	MP-280A	Total/NA	Water	8260C	
480-69451-6	MP-407	Total/NA	Water	8260C	
480-69451-7	MP-405A	Total/NA	Water	8260C	
480-69451-8	MP-231AR	Total/NA	Water	8260C	
480-69451-9	MP-251A	Total/NA	Water	8260C	
480-69451-10	MP-404	Total/NA	Water	8260C	
480-69451-16	MP-211BR	Total/NA	Water	8260C	
480-69567-17	MP-281	Total/NA	Water	8260C	
480-69567-19	MP-404A	Total/NA	Water	8260C	
LCS 480-210131/4	Lab Control Sample	Total/NA	Water	8260C	
MB 480-210131/7	Method Blank	Total/NA	Water	8260C	

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

GC/MS VOA (Continued)

Analysis Batch: 210181

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-11	MP-227R	Total/NA	Water	8260C	1
480-69451-12	MP-228AR	Total/NA	Water	8260C	2
480-69451-13	DUPLICATE-DMP #1	Total/NA	Water	8260C	3
480-69451-14	MP-230A	Total/NA	Water	8260C	4
480-69451-15	MP-232A	Total/NA	Water	8260C	5
480-69451-17 - DL	MP-408	Total/NA	Water	8260C	6
480-69451-18	MP-206AR	Total/NA	Water	8260C	7
480-69451-19	MP-277A	Total/NA	Water	8260C	8
480-69451-20	MP-279	Total/NA	Water	8260C	9
480-69451-21	TRIP BLANK	Total/NA	Water	8260C	10
480-69451-22	MP-244R	Total/NA	Water	8260C	11
480-69451-23	MP-244ARR	Total/NA	Water	8260C	12
480-69451-24	MP-250	Total/NA	Water	8260C	13
480-69451-25	MP-250A	Total/NA	Water	8260C	14
480-69451-26	MP-286C	Total/NA	Water	8260C	15
LCS 480-210181/6	Lab Control Sample	Total/NA	Water	8260C	
MB 480-210181/8	Method Blank	Total/NA	Water	8260C	

Analysis Batch: 211255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-17	MP-408	Total/NA	Water	8260C	14
LCS 480-211255/5	Lab Control Sample	Total/NA	Water	8260C	15
LCSD 480-211255/6	Lab Control Sample Dup	Total/NA	Water	8260C	
MB 480-211255/8	Method Blank	Total/NA	Water	8260C	

GC Semi VOA

Prep Batch: 208563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Total/NA	Water	3510C	
480-69451-2	MP-406C	Total/NA	Water	3510C	
480-69451-3	MP-409	Total/NA	Water	3510C	
480-69451-4	MP-280	Total/NA	Water	3510C	
480-69451-5	MP-280A	Total/NA	Water	3510C	
480-69451-6	MP-407	Total/NA	Water	3510C	
480-69451-7	MP-405A	Total/NA	Water	3510C	
480-69451-8	MP-231AR	Total/NA	Water	3510C	
480-69451-9	MP-251A	Total/NA	Water	3510C	
480-69451-10	MP-404	Total/NA	Water	3510C	
480-69451-11	MP-227R	Total/NA	Water	3510C	
480-69451-12	MP-228AR	Total/NA	Water	3510C	
480-69451-13	DUPLICATE-DMP #1	Total/NA	Water	3510C	
480-69451-14	MP-230A	Total/NA	Water	3510C	
480-69451-15	MP-232A	Total/NA	Water	3510C	
LCS 480-208563/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-208563/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-208563/1-A	Method Blank	Total/NA	Water	3510C	

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

GC Semi VOA (Continued)

Prep Batch: 208570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-16	MP-211BR	Total/NA	Water	3510C	5
480-69451-17	MP-408	Total/NA	Water	3510C	5
480-69451-18	MP-206AR	Total/NA	Water	3510C	5
480-69451-19	MP-277A	Total/NA	Water	3510C	6
480-69451-20	MP-279	Total/NA	Water	3510C	7
480-69451-22	MP-244R	Total/NA	Water	3510C	8
480-69451-23	MP-244ARR	Total/NA	Water	3510C	8
480-69451-24	MP-250	Total/NA	Water	3510C	8
480-69451-25	MP-250A	Total/NA	Water	3510C	9
480-69451-26	MP-286C	Total/NA	Water	3510C	10
LCS 480-208570/2-A	Lab Control Sample	Total/NA	Water	3510C	11
LCSD 480-208570/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	11
MB 480-208570/1-A	Method Blank	Total/NA	Water	3510C	11

Prep Batch: 208621

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-21	TRIP BLANK	Total/NA	Water	8011	12
480-69451-22	MP-244R	Total/NA	Water	8011	13
480-69451-23	MP-244ARR	Total/NA	Water	8011	13
480-69451-24	MP-250	Total/NA	Water	8011	14
480-69451-25	MP-250A	Total/NA	Water	8011	14
480-69451-26	MP-286C	Total/NA	Water	8011	15
LCS 480-208621/2-A	Lab Control Sample	Total/NA	Water	8011	15
LCSD 480-208621/3-A	Lab Control Sample Dup	Total/NA	Water	8011	15
MB 480-208621/1-A	Method Blank	Total/NA	Water	8011	15

Prep Batch: 208622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Total/NA	Water	8011	
480-69451-2	MP-406C	Total/NA	Water	8011	
480-69451-3	MP-409	Total/NA	Water	8011	
480-69451-4	MP-280	Total/NA	Water	8011	
480-69451-5	MP-280A	Total/NA	Water	8011	
480-69451-6	MP-407	Total/NA	Water	8011	
480-69451-7	MP-405A	Total/NA	Water	8011	
480-69451-8	MP-231AR	Total/NA	Water	8011	
480-69451-9	MP-251A	Total/NA	Water	8011	
480-69451-10	MP-404	Total/NA	Water	8011	
480-69451-11	MP-227R	Total/NA	Water	8011	
480-69451-12	MP-228AR	Total/NA	Water	8011	
480-69451-13	DUPLICATE-DMP #1	Total/NA	Water	8011	
480-69451-14	MP-230A	Total/NA	Water	8011	
480-69451-15	MP-232A	Total/NA	Water	8011	
480-69451-16	MP-211BR	Total/NA	Water	8011	
480-69451-17	MP-408	Total/NA	Water	8011	
480-69451-18	MP-206AR	Total/NA	Water	8011	
480-69451-19	MP-277A	Total/NA	Water	8011	
480-69451-20	MP-279	Total/NA	Water	8011	
LCS 480-208622/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-208622/3-A	Lab Control Sample Dup	Total/NA	Water	8011	
MB 480-208622/1-A	Method Blank	Total/NA	Water	8011	

TestAmerica Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

GC Semi VOA (Continued)

Analysis Batch: 208648

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Total/NA	Water	8011	208622
480-69451-2	MP-406C	Total/NA	Water	8011	208622
480-69451-3	MP-409	Total/NA	Water	8011	208622
480-69451-4	MP-280	Total/NA	Water	8011	208622
480-69451-5	MP-280A	Total/NA	Water	8011	208622
480-69451-6	MP-407	Total/NA	Water	8011	208622
480-69451-7	MP-405A	Total/NA	Water	8011	208622
480-69451-8	MP-231AR	Total/NA	Water	8011	208622
480-69451-9	MP-251A	Total/NA	Water	8011	208622
480-69451-10	MP-404	Total/NA	Water	8011	208622
480-69451-11	MP-227R	Total/NA	Water	8011	208622
480-69451-12	MP-228AR	Total/NA	Water	8011	208622
480-69451-13	DUPLICATE-DMP #1	Total/NA	Water	8011	208622
480-69451-14	MP-230A	Total/NA	Water	8011	208622
480-69451-15	MP-232A	Total/NA	Water	8011	208622
480-69451-16	MP-211BR	Total/NA	Water	8011	208622
480-69451-17	MP-408	Total/NA	Water	8011	208622
480-69451-18	MP-206AR	Total/NA	Water	8011	208622
480-69451-19	MP-277A	Total/NA	Water	8011	208622
480-69451-20	MP-279	Total/NA	Water	8011	208622
480-69451-21	TRIP BLANK	Total/NA	Water	8011	208621
480-69451-22	MP-244R	Total/NA	Water	8011	208621
480-69451-23	MP-244ARR	Total/NA	Water	8011	208621
480-69451-24	MP-250	Total/NA	Water	8011	208621
480-69451-25	MP-250A	Total/NA	Water	8011	208621
480-69451-26	MP-286C	Total/NA	Water	8011	208621
LCS 480-208621/2-A	Lab Control Sample	Total/NA	Water	8011	208621
LCS 480-208622/2-A	Lab Control Sample	Total/NA	Water	8011	208622
LCSD 480-208621/3-A	Lab Control Sample Dup	Total/NA	Water	8011	208621
LCSD 480-208622/3-A	Lab Control Sample Dup	Total/NA	Water	8011	208622
MB 480-208621/1-A	Method Blank	Total/NA	Water	8011	208621
MB 480-208622/1-A	Method Blank	Total/NA	Water	8011	208622

Analysis Batch: 208749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Total/NA	Water	8082A	208563
480-69451-2	MP-406C	Total/NA	Water	8082A	208563
480-69451-3	MP-409	Total/NA	Water	8082A	208563
480-69451-4	MP-280	Total/NA	Water	8082A	208563
480-69451-5	MP-280A	Total/NA	Water	8082A	208563
480-69451-6	MP-407	Total/NA	Water	8082A	208563
480-69451-7	MP-405A	Total/NA	Water	8082A	208563
480-69451-8	MP-231AR	Total/NA	Water	8082A	208563
480-69451-9	MP-251A	Total/NA	Water	8082A	208563
480-69451-10	MP-404	Total/NA	Water	8082A	208563
480-69451-11	MP-227R	Total/NA	Water	8082A	208563
480-69451-12	MP-228AR	Total/NA	Water	8082A	208563
480-69451-13	DUPLICATE-DMP #1	Total/NA	Water	8082A	208563
480-69451-14	MP-230A	Total/NA	Water	8082A	208563
480-69451-15	MP-232A	Total/NA	Water	8082A	208563
LCS 480-208563/2-A	Lab Control Sample	Total/NA	Water	8082A	208563

TestAmerica Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

GC Semi VOA (Continued)

Analysis Batch: 208749 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 480-208563/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	208563
MB 480-208563/1-A	Method Blank	Total/NA	Water	8082A	208563

Analysis Batch: 208756

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-16	MP-211BR	Total/NA	Water	8082A	208570
480-69451-17	MP-408	Total/NA	Water	8082A	208570
480-69451-18	MP-206AR	Total/NA	Water	8082A	208570
480-69451-19	MP-277A	Total/NA	Water	8082A	208570
480-69451-20	MP-279	Total/NA	Water	8082A	208570
480-69451-22	MP-244R	Total/NA	Water	8082A	208570
480-69451-23	MP-244ARR	Total/NA	Water	8082A	208570
480-69451-24	MP-250	Total/NA	Water	8082A	208570
480-69451-25	MP-250A	Total/NA	Water	8082A	208570
480-69451-26	MP-286C	Total/NA	Water	8082A	208570
LCS 480-208570/2-A	Lab Control Sample	Total/NA	Water	8082A	208570
LCSD 480-208570/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	208570
MB 480-208570/1-A	Method Blank	Total/NA	Water	8082A	208570

Analysis Batch: 209312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Total/NA	Water	8011	209354
480-69567-2	MP-235CR	Total/NA	Water	8011	209354
480-69567-3	MP-235BR	Total/NA	Water	8011	209354
480-69567-4	MP-235R	Total/NA	Water	8011	209354
480-69567-5	MP-237	Total/NA	Water	8011	209354
480-69567-6	MP-401A	Total/NA	Water	8011	209354
480-69567-7	MP-401B	Total/NA	Water	8011	209354
480-69567-8	DUPLICATE DMP #2	Total/NA	Water	8011	209354
480-69567-9	MP-233R	Total/NA	Water	8011	209354
480-69567-10	MP-233AR	Total/NA	Water	8011	209354
480-69567-11	MP-234R	Total/NA	Water	8011	209354
LCS 480-209354/2-A	Lab Control Sample	Total/NA	Water	8011	209354
LCSD 480-209354/3-A	Lab Control Sample Dup	Total/NA	Water	8011	209354
MB 480-209354/1-A	Method Blank	Total/NA	Water	8011	209354

Prep Batch: 209354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Total/NA	Water	8011	
480-69567-2	MP-235CR	Total/NA	Water	8011	
480-69567-3	MP-235BR	Total/NA	Water	8011	
480-69567-4	MP-235R	Total/NA	Water	8011	
480-69567-5	MP-237	Total/NA	Water	8011	
480-69567-6	MP-401A	Total/NA	Water	8011	
480-69567-7	MP-401B	Total/NA	Water	8011	
480-69567-8	DUPLICATE DMP #2	Total/NA	Water	8011	
480-69567-9	MP-233R	Total/NA	Water	8011	
480-69567-10	MP-233AR	Total/NA	Water	8011	
480-69567-11	MP-234R	Total/NA	Water	8011	
LCS 480-209354/2-A	Lab Control Sample	Total/NA	Water	8011	
LCSD 480-209354/3-A	Lab Control Sample Dup	Total/NA	Water	8011	

TestAmerica Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

GC Semi VOA (Continued)

Prep Batch: 209354 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 480-209354/1-A	Method Blank	Total/NA	Water	8011	

Prep Batch: 209623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-12	MP-234AR	Total/NA	Water	8011	
480-69567-13	MP-402A	Total/NA	Water	8011	
480-69567-14	MP-274	Total/NA	Water	8011	
480-69567-15	MP-274A	Total/NA	Water	8011	
480-69567-16	DUPLICATE DMP #3	Total/NA	Water	8011	
480-69567-17	MP-281	Total/NA	Water	8011	
480-69567-18	MP-281C	Total/NA	Water	8011	
480-69567-18MS	MP-281C	Total/NA	Water	8011	
480-69567-18MSD	MP-281C	Total/NA	Water	8011	
480-69567-19	MP-404A	Total/NA	Water	8011	
480-69567-20	FIELD BLANK DMP	Total/NA	Water	8011	
480-69567-21	MP-213A	Total/NA	Water	8011	
480-69567-22	MP-238R	Total/NA	Water	8011	
480-69567-23	MP-403A	Total/NA	Water	8011	
480-69567-24	MP-214BR	Total/NA	Water	8011	
LCS 480-209623/2-A	Lab Control Sample	Total/NA	Water	8011	
MB 480-209623/1-A	Method Blank	Total/NA	Water	8011	

Prep Batch: 209639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Total/NA	Water	3510C	
480-69567-2	MP-235CR	Total/NA	Water	3510C	
480-69567-3	MP-235BR	Total/NA	Water	3510C	
480-69567-4	MP-235R	Total/NA	Water	3510C	
480-69567-5	MP-237	Total/NA	Water	3510C	
480-69567-6	MP-401A	Total/NA	Water	3510C	
480-69567-7	MP-401B	Total/NA	Water	3510C	
480-69567-8	DUPLICATE DMP #2	Total/NA	Water	3510C	
480-69567-9	MP-233R	Total/NA	Water	3510C	
480-69567-10	MP-233AR	Total/NA	Water	3510C	
480-69567-11	MP-234R	Total/NA	Water	3510C	
480-69567-12	MP-234AR	Total/NA	Water	3510C	
480-69567-13	MP-402A	Total/NA	Water	3510C	
480-69567-14	MP-274	Total/NA	Water	3510C	
480-69567-15	MP-274A	Total/NA	Water	3510C	
480-69567-16	DUPLICATE DMP #3	Total/NA	Water	3510C	
480-69567-17	MP-281	Total/NA	Water	3510C	
480-69567-18	MP-281C	Total/NA	Water	3510C	
480-69567-18MS	MP-281C	Total/NA	Water	3510C	
480-69567-18MSD	MP-281C	Total/NA	Water	3510C	
480-69567-19	MP-404A	Total/NA	Water	3510C	
480-69567-20	FIELD BLANK DMP	Total/NA	Water	3510C	
LCS 480-209639/2-A	Lab Control Sample	Total/NA	Water	3510C	
MB 480-209639/1-A	Method Blank	Total/NA	Water	3510C	

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

GC Semi VOA (Continued)

Analysis Batch: 209684

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-12	MP-234AR	Total/NA	Water	8011	209623
480-69567-13	MP-402A	Total/NA	Water	8011	209623
480-69567-14	MP-274	Total/NA	Water	8011	209623
480-69567-15	MP-274A	Total/NA	Water	8011	209623
480-69567-16	DUPLICATE DMP #3	Total/NA	Water	8011	209623
480-69567-17	MP-281	Total/NA	Water	8011	209623
480-69567-18	MP-281C	Total/NA	Water	8011	209623
480-69567-18MS	MP-281C	Total/NA	Water	8011	209623
480-69567-18MSD	MP-281C	Total/NA	Water	8011	209623
480-69567-19	MP-404A	Total/NA	Water	8011	209623
480-69567-20	FIELD BLANK DMP	Total/NA	Water	8011	209623
480-69567-21	MP-213A	Total/NA	Water	8011	209623
480-69567-22	MP-238R	Total/NA	Water	8011	209623
480-69567-23	MP-403A	Total/NA	Water	8011	209623
480-69567-24	MP-214BR	Total/NA	Water	8011	209623
LCS 480-209623/2-A	Lab Control Sample	Total/NA	Water	8011	209623
MB 480-209623/1-A	Method Blank	Total/NA	Water	8011	209623

Analysis Batch: 209932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Total/NA	Water	8082A	209639
480-69567-2	MP-235CR	Total/NA	Water	8082A	209639
480-69567-3	MP-235BR	Total/NA	Water	8082A	209639
480-69567-4	MP-235R	Total/NA	Water	8082A	209639
480-69567-5	MP-237	Total/NA	Water	8082A	209639
480-69567-6	MP-401A	Total/NA	Water	8082A	209639
480-69567-7	MP-401B	Total/NA	Water	8082A	209639
480-69567-8	DUPLICATE DMP #2	Total/NA	Water	8082A	209639
480-69567-9	MP-233R	Total/NA	Water	8082A	209639
480-69567-10	MP-233AR	Total/NA	Water	8082A	209639
480-69567-11	MP-234R	Total/NA	Water	8082A	209639
480-69567-12	MP-234AR	Total/NA	Water	8082A	209639
480-69567-13	MP-402A	Total/NA	Water	8082A	209639
480-69567-14	MP-274	Total/NA	Water	8082A	209639
480-69567-15	MP-274A	Total/NA	Water	8082A	209639
480-69567-16	DUPLICATE DMP #3	Total/NA	Water	8082A	209639
480-69567-17	MP-281	Total/NA	Water	8082A	209639
480-69567-18	MP-281C	Total/NA	Water	8082A	209639
480-69567-18MS	MP-281C	Total/NA	Water	8082A	209639
480-69567-18MSD	MP-281C	Total/NA	Water	8082A	209639
480-69567-19	MP-404A	Total/NA	Water	8082A	209639
480-69567-20	FIELD BLANK DMP	Total/NA	Water	8082A	209639
LCS 480-209639/2-A	Lab Control Sample	Total/NA	Water	8082A	209639
MB 480-209639/1-A	Method Blank	Total/NA	Water	8082A	209639

Prep Batch: 210024

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-21	MP-213A	Total/NA	Water	3510C	
480-69567-22	MP-238R	Total/NA	Water	3510C	
480-69567-23	MP-403A	Total/NA	Water	3510C	
480-69567-24	MP-214BR	Total/NA	Water	3510C	

TestAmerica Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

GC Semi VOA (Continued)

Prep Batch: 210024 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-210024/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 480-210024/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
MB 480-210024/1-A	Method Blank	Total/NA	Water	3510C	

Analysis Batch: 210196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-21	MP-213A	Total/NA	Water	8082A	210024
480-69567-22	MP-238R	Total/NA	Water	8082A	210024
480-69567-23	MP-403A	Total/NA	Water	8082A	210024
480-69567-24	MP-214BR	Total/NA	Water	8082A	210024
LCS 480-210024/2-A	Lab Control Sample	Total/NA	Water	8082A	210024
LCSD 480-210024/3-A	Lab Control Sample Dup	Total/NA	Water	8082A	210024
MB 480-210024/1-A	Method Blank	Total/NA	Water	8082A	210024

Metals

Prep Batch: 208413

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Dissolved	Water	3020A	
480-69451-2	MP-406C	Dissolved	Water	3020A	
480-69451-3	MP-409	Dissolved	Water	3020A	
480-69451-4	MP-280	Dissolved	Water	3020A	
480-69451-6	MP-407	Dissolved	Water	3020A	
480-69451-8	MP-231AR	Dissolved	Water	3020A	
480-69451-9	MP-251A	Dissolved	Water	3020A	
480-69451-10	MP-404	Dissolved	Water	3020A	
480-69451-11	MP-227R	Dissolved	Water	3020A	
480-69451-12	MP-228AR	Dissolved	Water	3020A	
480-69451-13	DUPLICATE-DMP #1	Dissolved	Water	3020A	
480-69451-14	MP-230A	Dissolved	Water	3020A	
480-69451-15	MP-232A	Dissolved	Water	3020A	
LCS 480-208413/2-A	Lab Control Sample	Total/NA	Water	3020A	
MB 480-208413/1-A	Method Blank	Total/NA	Water	3020A	

Prep Batch: 208414

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-16	MP-211BR	Dissolved	Water	3020A	
480-69451-16 MS	MP-211BR	Dissolved	Water	3020A	
480-69451-16 MSD	MP-211BR	Dissolved	Water	3020A	
480-69451-17	MP-408	Dissolved	Water	3020A	
480-69451-18	MP-206AR	Dissolved	Water	3020A	
480-69451-19	MP-277A	Dissolved	Water	3020A	
480-69451-20	MP-279	Dissolved	Water	3020A	
480-69451-22	MP-244R	Dissolved	Water	3020A	
480-69451-23	MP-244ARR	Dissolved	Water	3020A	
480-69451-24	MP-250	Dissolved	Water	3020A	
480-69451-25	MP-250A	Dissolved	Water	3020A	
480-69451-26	MP-286C	Dissolved	Water	3020A	
LCS 480-208414/2-A	Lab Control Sample	Total/NA	Water	3020A	
MB 480-208414/1-A	Method Blank	Total/NA	Water	3020A	

TestAmerica Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Metals (Continued)

Prep Batch: 208580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-22	MP-244R	Dissolved	Water	3005A	1
480-69451-23	MP-244ARR	Dissolved	Water	3005A	2
480-69451-24	MP-250	Dissolved	Water	3005A	3
480-69451-25	MP-250A	Dissolved	Water	3005A	4
480-69451-26	MP-286C	Dissolved	Water	3005A	5
LCS 480-208580/2-A	Lab Control Sample	Total Recoverable	Water	3005A	6
MB 480-208580/1-A	Method Blank	Total Recoverable	Water	3005A	7

Prep Batch: 208588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Dissolved	Water	3005A	9
480-69451-1 MS	MP-210AR	Dissolved	Water	3005A	10
480-69451-1 MSD	MP-210AR	Dissolved	Water	3005A	11
480-69451-2	MP-406C	Dissolved	Water	3005A	12
480-69451-3	MP-409	Dissolved	Water	3005A	13
480-69451-4	MP-280	Dissolved	Water	3005A	14
480-69451-5	MP-280A	Dissolved	Water	3005A	15
480-69451-6	MP-407	Dissolved	Water	3005A	1
480-69451-7	MP-405A	Dissolved	Water	3005A	2
480-69451-8	MP-231AR	Dissolved	Water	3005A	3
480-69451-9	MP-251A	Dissolved	Water	3005A	4
480-69451-10	MP-404	Dissolved	Water	3005A	5
480-69451-11	MP-227R	Dissolved	Water	3005A	6
480-69451-12	MP-228AR	Dissolved	Water	3005A	7
480-69451-13	DUPLICATE-DMP #1	Dissolved	Water	3005A	8
480-69451-14	MP-230A	Dissolved	Water	3005A	9
480-69451-15	MP-232A	Dissolved	Water	3005A	10
480-69451-16	MP-211BR	Dissolved	Water	3005A	11
480-69451-17	MP-408	Dissolved	Water	3005A	12
480-69451-18	MP-206AR	Dissolved	Water	3005A	13
480-69451-19	MP-277A	Dissolved	Water	3005A	14
480-69451-20	MP-279	Dissolved	Water	3005A	15
LCS 480-208588/2-A	Lab Control Sample	Total Recoverable	Water	3005A	1
MB 480-208588/1-A	Method Blank	Total Recoverable	Water	3005A	2

Prep Batch: 208625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Dissolved	Water	3005A	1
480-69567-2	MP-235CR	Dissolved	Water	3005A	2
480-69567-3	MP-235BR	Dissolved	Water	3005A	3
480-69567-4	MP-235R	Dissolved	Water	3005A	4
480-69567-5	MP-237	Dissolved	Water	3005A	5
480-69567-6	MP-401A	Dissolved	Water	3005A	6
480-69567-7	MP-401B	Dissolved	Water	3005A	7
480-69567-8	DUPLICATE DMP #2	Dissolved	Water	3005A	8
480-69567-9	MP-233R	Dissolved	Water	3005A	9
480-69567-10	MP-233AR	Dissolved	Water	3005A	10
480-69567-11	MP-234R	Dissolved	Water	3005A	11
480-69567-12	MP-234AR	Dissolved	Water	3005A	12
480-69567-13	MP-402A	Dissolved	Water	3005A	13
480-69567-14	MP-274	Dissolved	Water	3005A	14

TestAmerica Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Metals (Continued)

Prep Batch: 208625 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-15	MP-274A	Dissolved	Water	3005A	
480-69567-16	DUPLICATE DMP #3	Dissolved	Water	3005A	
480-69567-17	MP-281	Dissolved	Water	3005A	
480-69567-18	MP-281C	Dissolved	Water	3005A	
480-69567-18MS	MP-281C	Dissolved	Water	3005A	
480-69567-18MSD	MP-281C	Dissolved	Water	3005A	
480-69567-19	MP-404A	Dissolved	Water	3005A	
480-69567-20	FIELD BLANK DMP	Dissolved	Water	3005A	
LCS 480-208625/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 480-208625/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 208629

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-21	MP-213A	Dissolved	Water	3005A	
480-69567-21 MS	MP-213A	Dissolved	Water	3005A	
480-69567-21 MSD	MP-213A	Dissolved	Water	3005A	
480-69567-22	MP-238R	Dissolved	Water	3005A	
480-69567-23	MP-403A	Dissolved	Water	3005A	
480-69567-24	MP-214BR	Dissolved	Water	3005A	
LCS 480-208629/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
MB 480-208629/1-A	Method Blank	Total Recoverable	Water	3005A	

Prep Batch: 208717

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Dissolved	Water	7470A	
480-69451-2	MP-406C	Dissolved	Water	7470A	
480-69451-3	MP-409	Dissolved	Water	7470A	
480-69451-4	MP-280	Dissolved	Water	7470A	
480-69451-5	MP-280A	Dissolved	Water	7470A	
480-69451-6	MP-407	Dissolved	Water	7470A	
480-69451-7	MP-405A	Dissolved	Water	7470A	
480-69451-8	MP-231AR	Dissolved	Water	7470A	
480-69451-9	MP-251A	Dissolved	Water	7470A	
480-69451-10	MP-404	Dissolved	Water	7470A	
LCS 480-208717/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-208717/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 208718

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-11	MP-227R	Dissolved	Water	7470A	
480-69451-11 MS	MP-227R	Dissolved	Water	7470A	
480-69451-11 MSD	MP-227R	Dissolved	Water	7470A	
480-69451-12	MP-228AR	Dissolved	Water	7470A	
480-69451-13	DUPLICATE-DMP #1	Dissolved	Water	7470A	
480-69451-14	MP-230A	Dissolved	Water	7470A	
480-69451-15	MP-232A	Dissolved	Water	7470A	
480-69451-16	MP-211BR	Dissolved	Water	7470A	
480-69451-17	MP-408	Dissolved	Water	7470A	
480-69451-18	MP-206AR	Dissolved	Water	7470A	
480-69451-19	MP-277A	Dissolved	Water	7470A	
480-69451-20	MP-279	Dissolved	Water	7470A	

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QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Metals (Continued)

Prep Batch: 208718 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-22	MP-244R	Dissolved	Water	7470A	
480-69451-23	MP-244ARR	Dissolved	Water	7470A	
480-69451-24	MP-250	Dissolved	Water	7470A	
480-69451-25	MP-250A	Dissolved	Water	7470A	
480-69451-26	MP-286C	Dissolved	Water	7470A	
LCS 480-208718/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-208718/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 208737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Dissolved	Water	3020A	
480-69567-2	MP-235CR	Dissolved	Water	3020A	
480-69567-3	MP-235BR	Dissolved	Water	3020A	
480-69567-4	MP-235R	Dissolved	Water	3020A	
480-69567-5	MP-237	Dissolved	Water	3020A	
480-69567-6	MP-401A	Dissolved	Water	3020A	
480-69567-7	MP-401B	Dissolved	Water	3020A	
480-69567-8	DUPLICATE DMP #2	Dissolved	Water	3020A	
480-69567-9	MP-233R	Dissolved	Water	3020A	
480-69567-10	MP-233AR	Dissolved	Water	3020A	
480-69567-11	MP-234R	Dissolved	Water	3020A	
480-69567-12	MP-234AR	Dissolved	Water	3020A	
480-69567-13	MP-402A	Dissolved	Water	3020A	
480-69567-14	MP-274	Dissolved	Water	3020A	
480-69567-15	MP-274A	Dissolved	Water	3020A	
480-69567-16	DUPLICATE DMP #3	Dissolved	Water	3020A	
480-69567-17	MP-281	Dissolved	Water	3020A	
480-69567-18	MP-281C	Dissolved	Water	3020A	
480-69567-18MS	MP-281C	Dissolved	Water	3020A	
480-69567-18MSD	MP-281C	Dissolved	Water	3020A	
480-69567-19	MP-404A	Dissolved	Water	3020A	
480-69567-20	FIELD BLANK DMP	Dissolved	Water	3020A	
LCS 480-208737/2-A	Lab Control Sample	Total/NA	Water	3020A	
MB 480-208737/1-A	Method Blank	Total/NA	Water	3020A	

Analysis Batch: 208848

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Dissolved	Water	7470A	208717
480-69451-2	MP-406C	Dissolved	Water	7470A	208717
480-69451-3	MP-409	Dissolved	Water	7470A	208717
480-69451-4	MP-280	Dissolved	Water	7470A	208717
480-69451-5	MP-280A	Dissolved	Water	7470A	208717
480-69451-6	MP-407	Dissolved	Water	7470A	208717
480-69451-7	MP-405A	Dissolved	Water	7470A	208717
480-69451-8	MP-231AR	Dissolved	Water	7470A	208717
480-69451-9	MP-251A	Dissolved	Water	7470A	208717
480-69451-10	MP-404	Dissolved	Water	7470A	208717
480-69451-11	MP-227R	Dissolved	Water	7470A	208718
480-69451-11 MS	MP-227R	Dissolved	Water	7470A	208718
480-69451-11 MSD	MP-227R	Dissolved	Water	7470A	208718
480-69451-12	MP-228AR	Dissolved	Water	7470A	208718

TestAmerica Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Metals (Continued)

Analysis Batch: 208848 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-13	DUPLICATE-DMP #1	Dissolved	Water	7470A	208718
480-69451-14	MP-230A	Dissolved	Water	7470A	208718
480-69451-15	MP-232A	Dissolved	Water	7470A	208718
480-69451-16	MP-211BR	Dissolved	Water	7470A	208718
480-69451-17	MP-408	Dissolved	Water	7470A	208718
480-69451-18	MP-206AR	Dissolved	Water	7470A	208718
480-69451-19	MP-277A	Dissolved	Water	7470A	208718
480-69451-20	MP-279	Dissolved	Water	7470A	208718
480-69451-22	MP-244R	Dissolved	Water	7470A	208718
480-69451-23	MP-244ARR	Dissolved	Water	7470A	208718
480-69451-24	MP-250	Dissolved	Water	7470A	208718
480-69451-25	MP-250A	Dissolved	Water	7470A	208718
480-69451-26	MP-286C	Dissolved	Water	7470A	208718
LCS 480-208717/2-A	Lab Control Sample	Total/NA	Water	7470A	208717
LCS 480-208718/2-A	Lab Control Sample	Total/NA	Water	7470A	208718
MB 480-208717/1-A	Method Blank	Total/NA	Water	7470A	208717
MB 480-208718/1-A	Method Blank	Total/NA	Water	7470A	208718

Prep Batch: 208851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-21	MP-213A	Dissolved	Water	3020A	14
480-69567-22	MP-238R	Dissolved	Water	3020A	15
480-69567-22 MS	MP-238R	Dissolved	Water	3020A	
480-69567-22 MSD	MP-238R	Dissolved	Water	3020A	
480-69567-23	MP-403A	Dissolved	Water	3020A	
480-69567-24	MP-214BR	Dissolved	Water	3020A	
LCS 480-208851/2-A	Lab Control Sample	Total/NA	Water	3020A	
LCSD 480-208851/3-A	Lab Control Sample Dup	Total/NA	Water	3020A	
MB 480-208851/1-A	Method Blank	Total/NA	Water	3020A	

Prep Batch: 209019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-5	MP-280A	Dissolved	Water	3020A	
480-69451-7	MP-405A	Dissolved	Water	3020A	
LCS 480-209019/2-A	Lab Control Sample	Total/NA	Water	3020A	
MB 480-209019/1-A	Method Blank	Total/NA	Water	3020A	

Prep Batch: 209026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Dissolved	Water	7470A	
480-69567-2	MP-235CR	Dissolved	Water	7470A	
480-69567-3	MP-235BR	Dissolved	Water	7470A	
480-69567-4	MP-235R	Dissolved	Water	7470A	
480-69567-5	MP-237	Dissolved	Water	7470A	
480-69567-6	MP-401A	Dissolved	Water	7470A	
LCS 480-209026/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-209026/1-A	Method Blank	Total/NA	Water	7470A	

Prep Batch: 209028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-7	MP-401B	Dissolved	Water	7470A	

TestAmerica Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Metals (Continued)

Prep Batch: 209028 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-8	DUPLICATE DMP #2	Dissolved	Water	7470A	5
480-69567-9	MP-233R	Dissolved	Water	7470A	6
480-69567-10	MP-233AR	Dissolved	Water	7470A	7
480-69567-11	MP-234R	Dissolved	Water	7470A	8
480-69567-12	MP-234AR	Dissolved	Water	7470A	9
480-69567-13	MP-402A	Dissolved	Water	7470A	10
480-69567-14	MP-274	Dissolved	Water	7470A	11
480-69567-15	MP-274A	Dissolved	Water	7470A	12
480-69567-16	DUPLICATE DMP #3	Dissolved	Water	7470A	13
480-69567-17	MP-281	Dissolved	Water	7470A	14
480-69567-18	MP-281C	Dissolved	Water	7470A	15
480-69567-18MS	MP-281C	Dissolved	Water	7470A	
480-69567-18MSD	MP-281C	Dissolved	Water	7470A	
480-69567-19	MP-404A	Dissolved	Water	7470A	
480-69567-20	FIELD BLANK DMP	Dissolved	Water	7470A	
480-69567-21	MP-213A	Dissolved	Water	7470A	
480-69567-22	MP-238R	Dissolved	Water	7470A	
480-69567-23	MP-403A	Dissolved	Water	7470A	
480-69567-24	MP-214BR	Dissolved	Water	7470A	
LCS 480-209028/2-A	Lab Control Sample	Total/NA	Water	7470A	
MB 480-209028/1-A	Method Blank	Total/NA	Water	7470A	

Analysis Batch: 209191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Dissolved	Water	7470A	209026
480-69567-2	MP-235CR	Dissolved	Water	7470A	209026
480-69567-3	MP-235BR	Dissolved	Water	7470A	209026
480-69567-4	MP-235R	Dissolved	Water	7470A	209026
480-69567-5	MP-237	Dissolved	Water	7470A	209026
480-69567-6	MP-401A	Dissolved	Water	7470A	209026
480-69567-7	MP-401B	Dissolved	Water	7470A	209028
480-69567-8	DUPLICATE DMP #2	Dissolved	Water	7470A	209028
480-69567-9	MP-233R	Dissolved	Water	7470A	209028
480-69567-10	MP-233AR	Dissolved	Water	7470A	209028
480-69567-11	MP-234R	Dissolved	Water	7470A	209028
480-69567-12	MP-234AR	Dissolved	Water	7470A	209028
480-69567-13	MP-402A	Dissolved	Water	7470A	209028
480-69567-14	MP-274	Dissolved	Water	7470A	209028
480-69567-15	MP-274A	Dissolved	Water	7470A	209028
480-69567-16	DUPLICATE DMP #3	Dissolved	Water	7470A	209028
480-69567-17	MP-281	Dissolved	Water	7470A	209028
480-69567-18	MP-281C	Dissolved	Water	7470A	209028
480-69567-18MS	MP-281C	Dissolved	Water	7470A	209028
480-69567-18MSD	MP-281C	Dissolved	Water	7470A	209028
480-69567-19	MP-404A	Dissolved	Water	7470A	209028
480-69567-20	FIELD BLANK DMP	Dissolved	Water	7470A	209028
480-69567-21	MP-213A	Dissolved	Water	7470A	209028
480-69567-22	MP-238R	Dissolved	Water	7470A	209028
480-69567-23	MP-403A	Dissolved	Water	7470A	209028
480-69567-24	MP-214BR	Dissolved	Water	7470A	209028
LCS 480-209026/2-A	Lab Control Sample	Total/NA	Water	7470A	209026

TestAmerica Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Metals (Continued)

Analysis Batch: 209191 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-209028/2-A	Lab Control Sample	Total/NA	Water	7470A	209028
MB 480-209026/1-A	Method Blank	Total/NA	Water	7470A	209026
MB 480-209028/1-A	Method Blank	Total/NA	Water	7470A	209028

Analysis Batch: 209224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Dissolved	Water	6010C	208588
480-69451-1 MS	MP-210AR	Dissolved	Water	6010C	208588
480-69451-1 MSD	MP-210AR	Dissolved	Water	6010C	208588
480-69451-2	MP-406C	Dissolved	Water	6010C	208588
480-69451-3	MP-409	Dissolved	Water	6010C	208588
480-69451-4	MP-280	Dissolved	Water	6010C	208588
480-69451-5	MP-280A	Dissolved	Water	6010C	208588
480-69451-6	MP-407	Dissolved	Water	6010C	208588
480-69451-7	MP-405A	Dissolved	Water	6010C	208588
480-69451-8	MP-231AR	Dissolved	Water	6010C	208588
480-69451-9	MP-251A	Dissolved	Water	6010C	208588
480-69451-10	MP-404	Dissolved	Water	6010C	208588
480-69451-11	MP-227R	Dissolved	Water	6010C	208588
480-69451-12	MP-228AR	Dissolved	Water	6010C	208588
480-69451-13	DUPLICATE-DMP #1	Dissolved	Water	6010C	208588
480-69451-14	MP-230A	Dissolved	Water	6010C	208588
480-69451-15	MP-232A	Dissolved	Water	6010C	208588
480-69451-16	MP-211BR	Dissolved	Water	6010C	208588
480-69451-17	MP-408	Dissolved	Water	6010C	208588
480-69451-18	MP-206AR	Dissolved	Water	6010C	208588
480-69451-19	MP-277A	Dissolved	Water	6010C	208588
480-69451-20	MP-279	Dissolved	Water	6010C	208588
LCS 480-208588/2-A	Lab Control Sample	Total Recoverable	Water	6010C	208588
MB 480-208588/1-A	Method Blank	Total Recoverable	Water	6010C	208588

Analysis Batch: 209226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-21	MP-213A	Dissolved	Water	6010C	208629
480-69567-21 MS	MP-213A	Dissolved	Water	6010C	208629
480-69567-21 MSD	MP-213A	Dissolved	Water	6010C	208629
480-69567-22	MP-238R	Dissolved	Water	6010C	208629
480-69567-23	MP-403A	Dissolved	Water	6010C	208629
480-69567-24	MP-214BR	Dissolved	Water	6010C	208629
LCS 480-208629/2-A	Lab Control Sample	Total Recoverable	Water	6010C	208629
MB 480-208629/1-A	Method Blank	Total Recoverable	Water	6010C	208629

Analysis Batch: 209227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-22	MP-244R	Dissolved	Water	6010C	208580
480-69451-23	MP-244ARR	Dissolved	Water	6010C	208580
480-69451-24	MP-250	Dissolved	Water	6010C	208580
480-69451-25	MP-250A	Dissolved	Water	6010C	208580
480-69451-26	MP-286C	Dissolved	Water	6010C	208580
LCS 480-208580/2-A	Lab Control Sample	Total Recoverable	Water	6010C	208580
MB 480-208580/1-A	Method Blank	Total Recoverable	Water	6010C	208580

TestAmerica Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Metals (Continued)

Analysis Batch: 209327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-21	MP-213A	Dissolved	Water	6020A	208851
480-69567-22	MP-238R	Dissolved	Water	6020A	208851
480-69567-22 MS	MP-238R	Dissolved	Water	6020A	208851
480-69567-22 MSD	MP-238R	Dissolved	Water	6020A	208851
480-69567-23	MP-403A	Dissolved	Water	6020A	208851
480-69567-24	MP-214BR	Dissolved	Water	6020A	208851
LCS 480-208851/2-A	Lab Control Sample	Total/NA	Water	6020A	208851
LCSD 480-208851/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	208851
MB 480-208851/1-A	Method Blank	Total/NA	Water	6020A	208851

Analysis Batch: 209685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-21	MP-213A	Dissolved	Water	6020A	208851
480-69567-22	MP-238R	Dissolved	Water	6020A	208851
480-69567-22 MS	MP-238R	Dissolved	Water	6020A	208851
480-69567-22 MSD	MP-238R	Dissolved	Water	6020A	208851
480-69567-23	MP-403A	Dissolved	Water	6020A	208851
480-69567-24	MP-214BR	Dissolved	Water	6020A	208851
LCS 480-208851/2-A	Lab Control Sample	Total/NA	Water	6020A	208851
LCSD 480-208851/3-A	Lab Control Sample Dup	Total/NA	Water	6020A	208851
MB 480-208851/1-A	Method Blank	Total/NA	Water	6020A	208851

Analysis Batch: 209797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Dissolved	Water	6010C	208625
480-69567-2	MP-235CR	Dissolved	Water	6010C	208625
480-69567-3	MP-235BR	Dissolved	Water	6010C	208625
480-69567-4	MP-235R	Dissolved	Water	6010C	208625
480-69567-5	MP-237	Dissolved	Water	6010C	208625
480-69567-6	MP-401A	Dissolved	Water	6010C	208625
480-69567-7	MP-401B	Dissolved	Water	6010C	208625
480-69567-8	DUPLICATE DMP #2	Dissolved	Water	6010C	208625
480-69567-9	MP-233R	Dissolved	Water	6010C	208625
480-69567-10	MP-233AR	Dissolved	Water	6010C	208625
480-69567-11	MP-234R	Dissolved	Water	6010C	208625
480-69567-12	MP-234AR	Dissolved	Water	6010C	208625
480-69567-13	MP-402A	Dissolved	Water	6010C	208625
480-69567-14	MP-274	Dissolved	Water	6010C	208625
480-69567-15	MP-274A	Dissolved	Water	6010C	208625
480-69567-16	DUPLICATE DMP #3	Dissolved	Water	6010C	208625
480-69567-17	MP-281	Dissolved	Water	6010C	208625
480-69567-18	MP-281C	Dissolved	Water	6010C	208625
480-69567-18MS	MP-281C	Dissolved	Water	6010C	208625
480-69567-18MSD	MP-281C	Dissolved	Water	6010C	208625
480-69567-19	MP-404A	Dissolved	Water	6010C	208625
480-69567-20	FIELD BLANK DMP	Dissolved	Water	6010C	208625
LCS 480-208625/2-A	Lab Control Sample	Total Recoverable	Water	6010C	208625
MB 480-208625/1-A	Method Blank	Total Recoverable	Water	6010C	208625

TestAmerica Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Metals (Continued)

Analysis Batch: 210070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-5	MP-280A	Dissolved	Water	6020A	209019
480-69451-7	MP-405A	Dissolved	Water	6020A	209019
LCS 480-209019/2-A	Lab Control Sample	Total/NA	Water	6020A	209019
MB 480-209019/1-A	Method Blank	Total/NA	Water	6020A	209019

Analysis Batch: 210239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Dissolved	Water	6020A	208413
480-69451-2	MP-406C	Dissolved	Water	6020A	208413
480-69451-3	MP-409	Dissolved	Water	6020A	208413
480-69451-4	MP-280	Dissolved	Water	6020A	208413
480-69451-6	MP-407	Dissolved	Water	6020A	208413
480-69451-8	MP-231AR	Dissolved	Water	6020A	208413
480-69451-9	MP-251A	Dissolved	Water	6020A	208413
480-69451-10	MP-404	Dissolved	Water	6020A	208413
480-69451-11	MP-227R	Dissolved	Water	6020A	208413
480-69451-12	MP-228AR	Dissolved	Water	6020A	208413
480-69451-13	DUPLICATE-DMP #1	Dissolved	Water	6020A	208413
480-69451-14	MP-230A	Dissolved	Water	6020A	208413
480-69451-15	MP-232A	Dissolved	Water	6020A	208413
LCS 480-208413/2-A	Lab Control Sample	Total/NA	Water	6020A	208413
MB 480-208413/1-A	Method Blank	Total/NA	Water	6020A	208413

Analysis Batch: 210505

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-16	MP-211BR	Dissolved	Water	6020A	208414
480-69451-16 MS	MP-211BR	Dissolved	Water	6020A	208414
480-69451-16 MSD	MP-211BR	Dissolved	Water	6020A	208414
480-69451-17	MP-408	Dissolved	Water	6020A	208414
480-69451-18	MP-206AR	Dissolved	Water	6020A	208414
480-69451-19	MP-277A	Dissolved	Water	6020A	208414
480-69451-20	MP-279	Dissolved	Water	6020A	208414
480-69451-22	MP-244R	Dissolved	Water	6020A	208414
480-69451-23	MP-244ARR	Dissolved	Water	6020A	208414
480-69451-24	MP-250	Dissolved	Water	6020A	208414
480-69451-25	MP-250A	Dissolved	Water	6020A	208414
480-69451-26	MP-286C	Dissolved	Water	6020A	208414
LCS 480-208414/2-A	Lab Control Sample	Total/NA	Water	6020A	208414
MB 480-208414/1-A	Method Blank	Total/NA	Water	6020A	208414

Prep Batch: 210731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-6	MP-407	Dissolved	Water	3020A	
LCS 480-210731/2-A	Lab Control Sample	Total/NA	Water	3020A	
MB 480-210731/1-A	Method Blank	Total/NA	Water	3020A	

Analysis Batch: 210804

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-23	MP-244ARR	Dissolved	Water	6020A	208414
480-69451-24	MP-250	Dissolved	Water	6020A	208414
480-69451-25	MP-250A	Dissolved	Water	6020A	208414

TestAmerica Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Metals (Continued)

Analysis Batch: 210804 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-26	MP-286C	Dissolved	Water	6020A	208414

Analysis Batch: 211709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-6	MP-407	Dissolved	Water	6020A	210731
LCS 480-210731/2-A	Lab Control Sample	Total/NA	Water	6020A	210731
MB 480-210731/1-A	Method Blank	Total/NA	Water	6020A	210731

Analysis Batch: 213132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-1	MP-241R	Dissolved	Water	6020A	208737
480-69567-2	MP-235CR	Dissolved	Water	6020A	208737
480-69567-3	MP-235BR	Dissolved	Water	6020A	208737
480-69567-4	MP-235R	Dissolved	Water	6020A	208737
480-69567-5	MP-237	Dissolved	Water	6020A	208737
480-69567-6	MP-401A	Dissolved	Water	6020A	208737
480-69567-7	MP-401B	Dissolved	Water	6020A	208737
480-69567-8	DUPLICATE DMP #2	Dissolved	Water	6020A	208737
480-69567-9	MP-233R	Dissolved	Water	6020A	208737
480-69567-10	MP-233AR	Dissolved	Water	6020A	208737
480-69567-11	MP-234R	Dissolved	Water	6020A	208737
480-69567-12	MP-234AR	Dissolved	Water	6020A	208737
480-69567-13	MP-402A	Dissolved	Water	6020A	208737
480-69567-14	MP-274	Dissolved	Water	6020A	208737
480-69567-15	MP-274A	Dissolved	Water	6020A	208737
480-69567-16	DUPLICATE DMP #3	Dissolved	Water	6020A	208737
480-69567-17	MP-281	Dissolved	Water	6020A	208737
480-69567-18	MP-281C	Dissolved	Water	6020A	208737
480-69567-18MS	MP-281C	Dissolved	Water	6020A	208737
480-69567-18MSD	MP-281C	Dissolved	Water	6020A	208737
480-69567-19	MP-404A	Dissolved	Water	6020A	208737
480-69567-20	FIELD BLANK DMP	Dissolved	Water	6020A	208737
LCS 480-208737/2-A	Lab Control Sample	Total/NA	Water	6020A	208737
MB 480-208737/1-A	Method Blank	Total/NA	Water	6020A	208737

Analysis Batch: 217579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-9	MP-233R	Dissolved	Water	6020A	208737

Analysis Batch: 218122

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-17	MP-408	Dissolved	Water	6020A	208414
480-69451-20	MP-279	Dissolved	Water	6020A	208414
480-69567-11	MP-234R	Dissolved	Water	6020A	208737

General Chemistry

Analysis Batch: 212372

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-6	MP-407	Total/NA	Water	9060A	

TestAmerica Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

General Chemistry (Continued)

Analysis Batch: 212372 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-6 DU	MP-407	Total/NA	Water	9060A	5
480-69451-7	MP-405A	Total/NA	Water	9060A	6
480-69451-7 MS	MP-405A	Total/NA	Water	9060A	7
480-69451-8	MP-231AR	Total/NA	Water	9060A	8
480-69451-9	MP-251A	Total/NA	Water	9060A	9
480-69451-10	MP-404	Total/NA	Water	9060A	10
480-69451-11	MP-227R	Total/NA	Water	9060A	11
480-69451-12	MP-228AR	Total/NA	Water	9060A	12
480-69451-12 DU	MP-228AR	Total/NA	Water	9060A	13
480-69451-13	DUPLICATE-DMP #1	Total/NA	Water	9060A	14
480-69451-14	MP-230A	Total/NA	Water	9060A	15
480-69451-14 MS	MP-230A	Total/NA	Water	9060A	16
480-69451-16	MP-211BR	Total/NA	Water	9060A	17
480-69451-17	MP-408	Total/NA	Water	9060A	18
480-69451-18	MP-206AR	Total/NA	Water	9060A	19
480-69451-19	MP-277A	Total/NA	Water	9060A	20
480-69451-20	MP-279	Total/NA	Water	9060A	21
LCS 480-212372/4	Lab Control Sample	Total/NA	Water	9060A	22
MB 480-212372/3	Method Blank	Total/NA	Water	9060A	23

Analysis Batch: 212945

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-3	MP-409	Total/NA	Water	9060A	15
LCS 480-212945/30	Lab Control Sample	Total/NA	Water	9060A	16
MB 480-212945/29	Method Blank	Total/NA	Water	9060A	17

Analysis Batch: 212970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Total/NA	Water	9060A	18
480-69451-4	MP-280	Total/NA	Water	9060A	19
480-69451-22	MP-244R	Total/NA	Water	9060A	20
LCS 480-212970/28	Lab Control Sample	Total/NA	Water	9060A	21
LCS 480-212970/4	Lab Control Sample	Total/NA	Water	9060A	22
MB 480-212970/27	Method Blank	Total/NA	Water	9060A	23
MB 480-212970/3	Method Blank	Total/NA	Water	9060A	24

Analysis Batch: 213037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-5	MP-280A	Total/NA	Water	9060A	1
480-69451-15	MP-232A	Total/NA	Water	9060A	2
480-69451-23	MP-244ARR	Total/NA	Water	9060A	3
480-69451-24	MP-250	Total/NA	Water	9060A	4
480-69451-25	MP-250A	Total/NA	Water	9060A	5
480-69451-26	MP-286C	Total/NA	Water	9060A	6
480-69567-6	MP-401A	Total/NA	Water	9060A	7
480-69567-7	MP-401B	Total/NA	Water	9060A	8
480-69567-12	MP-234AR	Total/NA	Water	9060A	9
480-69567-12 DU	MP-234AR	Total/NA	Water	9060A	10
480-69567-13	MP-402A	Total/NA	Water	9060A	11
480-69567-13 MS	MP-402A	Total/NA	Water	9060A	12
480-69567-18	MP-281C	Total/NA	Water	9060A	13

TestAmerica Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

General Chemistry (Continued)

Analysis Batch: 213037 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-18MS	MP-281C	Total/NA	Water	9060A	
480-69567-18MSD	MP-281C	Total/NA	Water	9060A	
LCS 480-213037/28	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-213037/4	Lab Control Sample	Total/NA	Water	9060A	
MB 480-213037/27	Method Blank	Total/NA	Water	9060A	
MB 480-213037/3	Method Blank	Total/NA	Water	9060A	

Analysis Batch: 213454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-2	MP-406C	Total/NA	Water	9060A	
480-69567-1	MP-241R	Total/NA	Water	9060A	
480-69567-1 DU	MP-241R	Total/NA	Water	9060A	
480-69567-2	MP-235CR	Total/NA	Water	9060A	
480-69567-2 MS	MP-235CR	Total/NA	Water	9060A	
480-69567-8	DUPLICATE DMP #2	Total/NA	Water	9060A	
480-69567-8 DU	DUPLICATE DMP #2	Total/NA	Water	9060A	
480-69567-9	MP-233R	Total/NA	Water	9060A	
480-69567-9 MS	MP-233R	Total/NA	Water	9060A	
LCS 480-213454/28	Lab Control Sample	Total/NA	Water	9060A	
LCS 480-213454/4	Lab Control Sample	Total/NA	Water	9060A	
MB 480-213454/27	Method Blank	Total/NA	Water	9060A	
MB 480-213454/3	Method Blank	Total/NA	Water	9060A	

Analysis Batch: 213471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-3	MP-235BR	Total/NA	Water	9060A	
480-69567-4	MP-235R	Total/NA	Water	9060A	
480-69567-5	MP-237	Total/NA	Water	9060A	
480-69567-10	MP-233AR	Total/NA	Water	9060A	
480-69567-11	MP-234R	Total/NA	Water	9060A	
480-69567-14	MP-274	Total/NA	Water	9060A	
480-69567-15	MP-274A	Total/NA	Water	9060A	
480-69567-16	DUPLICATE DMP #3	Total/NA	Water	9060A	
480-69567-17	MP-281	Total/NA	Water	9060A	
480-69567-21	MP-213A	Total/NA	Water	9060A	
480-69567-21 MS	MP-213A	Total/NA	Water	9060A	
480-69567-23	MP-403A	Total/NA	Water	9060A	
LCS 480-213471/4	Lab Control Sample	Total/NA	Water	9060A	
MB 480-213471/3	Method Blank	Total/NA	Water	9060A	

Analysis Batch: 213751

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-20	FIELD BLANK DMP	Total/NA	Water	9060A	
480-69567-22	MP-238R	Total/NA	Water	9060A	
480-69567-24	MP-214BR	Total/NA	Water	9060A	
LCS 480-213751/4	Lab Control Sample	Total/NA	Water	9060A	
MB 480-213751/3	Method Blank	Total/NA	Water	9060A	

Analysis Batch: 213805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-19	MP-404A	Total/NA	Water	9060A	

TestAmerica Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

General Chemistry (Continued)

Analysis Batch: 213805 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-213805/4	Lab Control Sample	Total/NA	Water	9060A	
MB 480-213805/3	Method Blank	Total/NA	Water	9060A	

Analysis Batch: 216371

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 480-216371/4	Lab Control Sample	Total/NA	Water	9060A	
MB 480-216371/3	Method Blank	Total/NA	Water	9060A	

Field Service / Mobile Lab

Analysis Batch: 210212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69451-1	MP-210AR	Total/NA	Water	Field Sampling	
480-69451-2	MP-406C	Total/NA	Water	Field Sampling	
480-69451-3	MP-409	Total/NA	Water	Field Sampling	
480-69451-4	MP-280	Total/NA	Water	Field Sampling	
480-69451-5	MP-280A	Total/NA	Water	Field Sampling	
480-69451-6	MP-407	Total/NA	Water	Field Sampling	
480-69451-7	MP-405A	Total/NA	Water	Field Sampling	
480-69451-8	MP-231AR	Total/NA	Water	Field Sampling	
480-69451-9	MP-251A	Total/NA	Water	Field Sampling	
480-69451-10	MP-404	Total/NA	Water	Field Sampling	
480-69451-11	MP-227R	Total/NA	Water	Field Sampling	
480-69451-12	MP-228AR	Total/NA	Water	Field Sampling	
480-69451-13	DUPLICATE-DMP #1	Total/NA	Water	Field Sampling	
480-69451-14	MP-230A	Total/NA	Water	Field Sampling	
480-69451-15	MP-232A	Total/NA	Water	Field Sampling	
480-69451-16	MP-211BR	Total/NA	Water	Field Sampling	
480-69451-17	MP-408	Total/NA	Water	Field Sampling	
480-69451-18	MP-206AR	Total/NA	Water	Field Sampling	
480-69451-19	MP-277A	Total/NA	Water	Field Sampling	
480-69451-20	MP-279	Total/NA	Water	Field Sampling	
480-69451-22	MP-244R	Total/NA	Water	Field Sampling	
480-69451-23	MP-244ARR	Total/NA	Water	Field Sampling	
480-69451-24	MP-250	Total/NA	Water	Field Sampling	
480-69451-25	MP-250A	Total/NA	Water	Field Sampling	
480-69451-26	MP-286C	Total/NA	Water	Field Sampling	
480-69567-1	MP-241R	Total/NA	Water	Field Sampling	
480-69567-2	MP-235CR	Total/NA	Water	Field Sampling	
480-69567-3	MP-235BR	Total/NA	Water	Field Sampling	
480-69567-4	MP-235R	Total/NA	Water	Field Sampling	
480-69567-5	MP-237	Total/NA	Water	Field Sampling	
480-69567-6	MP-401A	Total/NA	Water	Field Sampling	
480-69567-7	MP-401B	Total/NA	Water	Field Sampling	
480-69567-8	DUPLICATE DMP #2	Total/NA	Water	Field Sampling	
480-69567-9	MP-233R	Total/NA	Water	Field Sampling	
480-69567-10	MP-233AR	Total/NA	Water	Field Sampling	
480-69567-11	MP-234R	Total/NA	Water	Field Sampling	
480-69567-12	MP-234AR	Total/NA	Water	Field Sampling	
480-69567-13	MP-402A	Total/NA	Water	Field Sampling	

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Field Service / Mobile Lab (Continued)

Analysis Batch: 210212 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-69567-14	MP-274	Total/NA	Water	Field Sampling	1
480-69567-15	MP-274A	Total/NA	Water	Field Sampling	2
480-69567-16	DUPLICATE DMP #3	Total/NA	Water	Field Sampling	3
480-69567-17	MP-281	Total/NA	Water	Field Sampling	4
480-69567-18	MP-281C	Total/NA	Water	Field Sampling	5
480-69567-18MS	MP-281C	Total/NA	Water	Field Sampling	6
480-69567-18MSD	MP-281C	Total/NA	Water	Field Sampling	7
480-69567-19	MP-404A	Total/NA	Water	Field Sampling	8
480-69567-20	FIELD BLANK DMP	Total/NA	Water	Field Sampling	9
480-69567-21	MP-213A	Total/NA	Water	Field Sampling	10
480-69567-22	MP-238R	Total/NA	Water	Field Sampling	11
480-69567-23	MP-403A	Total/NA	Water	Field Sampling	12
480-69567-24	MP-214BR	Total/NA	Water	Field Sampling	13

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-210AR

Lab Sample ID: 480-69451-1

Matrix: Water

Date Collected: 10/14/14 15:15

Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 13:02	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 05:17	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 09:59	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 16:22	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 09:57	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:25	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212970	11/08/14 02:44	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 15:15	FLD	TAL BUF

Client Sample ID: MP-406C

Lab Sample ID: 480-69451-2

Matrix: Water

Date Collected: 10/13/14 14:15

Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 13:27	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 05:44	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 10:15	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 16:36	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 10:03	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:26	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213454	11/10/14 18:12	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/13/14 14:15	FLD	TAL BUF

Client Sample ID: MP-409

Lab Sample ID: 480-69451-3

Matrix: Water

Date Collected: 10/13/14 15:35

Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 13:52	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 06:11	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-409

Lab Sample ID: 480-69451-3

Date Collected: 10/13/14 15:35

Matrix: Water

Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082A		1	208749	10/20/14 10:31	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 16:39	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 10:08	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:28	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212945	11/08/14 07:01	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/13/14 15:35	FLD	TAL BUF

Client Sample ID: MP-280

Lab Sample ID: 480-69451-4

Date Collected: 10/14/14 11:35

Matrix: Water

Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 14:16	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 06:38	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 10:47	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 16:42	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 10:14	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:30	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212970	11/08/14 01:13	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 11:35	FLD	TAL BUF

Client Sample ID: MP-280A

Lab Sample ID: 480-69451-5

Date Collected: 10/14/14 12:10

Matrix: Water

Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 14:41	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 07:32	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 11:03	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 16:53	LMH	TAL BUF
Dissolved	Prep	3020A			209019	10/21/14 11:06	TRP	TAL BUF
Dissolved	Analysis	6020A		1	210070	10/24/14 23:15	MTM2	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-280A

Date Collected: 10/14/14 12:10

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:31	LRK	TAL BUF
Total/NA	Analysis	9060A			213037	11/08/14 16:44	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 12:10	FLD	TAL BUF

Client Sample ID: MP-407

Date Collected: 10/14/14 08:50

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 15:06	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 07:59	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 11:19	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 16:56	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 10:19	MTM2	TAL BUF
Dissolved	Prep	3020A			210731	10/29/14 11:35	LED	TAL BUF
Dissolved	Analysis	6020A		1	211709	11/01/14 06:33	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:33	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 15:08	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 08:50	FLD	TAL BUF

Client Sample ID: MP-405A

Date Collected: 10/14/14 10:40

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 15:30	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 08:26	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 11:34	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 16:59	LMH	TAL BUF
Dissolved	Prep	3020A			209019	10/21/14 11:06	TRP	TAL BUF
Dissolved	Analysis	6020A		1	210070	10/24/14 23:21	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:35	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 16:03	NCH	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-405A

Date Collected: 10/14/14 10:40

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 10:40	FLD	TAL BUF

Client Sample ID: MP-231AR

Lab Sample ID: 480-69451-8

Matrix: Water

Date Collected: 10/14/14 14:10

Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 15:55	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 08:53	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 12:22	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:02	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 10:25	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:37	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 16:57	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 14:10	FLD	TAL BUF

Client Sample ID: MP-251A

Lab Sample ID: 480-69451-9

Matrix: Water

Date Collected: 10/14/14 14:55

Date Received: 10/16/14 08:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 16:20	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 09:20	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 12:38	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:05	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 10:30	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:38	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 17:24	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 14:55	FLD	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-404

Date Collected: 10/14/14 15:40

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 16:45	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 09:47	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 12:54	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:08	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 10:54	MTM2	TAL BUF
Dissolved	Prep	7470A			208717	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:40	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 17:51	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 15:40	FLD	TAL BUF

Client Sample ID: MP-227R

Date Collected: 10/14/14 11:42

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 12:58	GTG	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 10:41	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 13:10	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:11	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 11:00	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:49	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 18:19	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 11:42	FLD	TAL BUF

Client Sample ID: MP-228AR

Date Collected: 10/14/14 13:35

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 13:20	GTG	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 11:08	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 13:26	DLE	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-228AR

Date Collected: 10/14/14 13:35

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:14	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 11:05	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:56	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 19:40	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 13:35	FLD	TAL BUF

Client Sample ID: DUPLICATE-DMP #1

Date Collected: 10/14/14 13:35

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 13:42	GTG	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 11:52	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 13:42	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:17	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 11:11	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 12:57	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 20:35	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 13:35	FLD	TAL BUF

Client Sample ID: MP-230A

Date Collected: 10/14/14 15:16

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 14:05	GTG	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 12:19	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 13:57	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:28	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 11:16	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-230A

Date Collected: 10/14/14 15:16

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	7470A		1	208848	10/20/14 12:59	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 21:02	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 15:16	FLD	TAL BUF

Client Sample ID: MP-232A

Date Collected: 10/14/14 16:02

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 14:27	GTG	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 12:46	KS	TAL BUF
Total/NA	Prep	3510C			208563	10/18/14 08:04	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208749	10/20/14 14:13	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:31	LMH	TAL BUF
Dissolved	Prep	3020A			208413	10/17/14 12:05	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210239	10/26/14 11:22	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:01	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/08/14 16:16	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 16:02	FLD	TAL BUF

Client Sample ID: MP-211BR

Date Collected: 10/13/14 15:00

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 17:09	CDC	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 13:14	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 09:53	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:34	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 01:46	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:06	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 21:56	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/13/14 15:00	FLD	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-408

Date Collected: 10/14/14 09:50

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	211255	10/31/14 13:50	GTG	TAL BUF
Total/NA	Analysis	8260C	DL	5	210181	10/27/14 14:49	GTG	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 14:08	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 10:08	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:37	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 02:16	MTM2	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	218122	12/09/14 14:23	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:08	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 22:24	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 09:50	FLD	TAL BUF

Client Sample ID: MP-206AR

Date Collected: 10/14/14 16:30

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 15:12	GTG	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 14:36	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 10:23	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:40	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 02:22	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:10	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 22:51	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 16:30	FLD	TAL BUF

Client Sample ID: MP-277A

Date Collected: 10/14/14 17:25

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 15:34	GTG	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-277A

Date Collected: 10/14/14 17:25

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 15:03	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 10:37	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:43	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 02:28	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:11	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 23:19	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 17:25	FLD	TAL BUF

Client Sample ID: MP-279

Date Collected: 10/14/14 18:10

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 15:57	GTG	TAL BUF
Total/NA	Prep	8011			208622	10/18/14 11:48	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 15:30	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 10:52	DLE	TAL BUF
Dissolved	Prep	3005A			208588	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209224	10/21/14 17:45	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 02:53	MTM2	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	218122	12/09/14 14:38	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:13	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212372	11/05/14 23:46	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 18:10	FLD	TAL BUF

Client Sample ID: TRIP BLANK

Date Collected: 10/14/14 00:00

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 16:19	GTG	TAL BUF
Total/NA	Prep	8011			208621	10/18/14 11:45	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/18/14 22:56	KS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-244R

Date Collected: 10/14/14 14:45

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 16:41	GTG	TAL BUF
Total/NA	Prep	8011			208621	10/18/14 11:45	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/18/14 23:23	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 11:07	DLE	TAL BUF
Dissolved	Prep	3005A			208580	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209227	10/21/14 19:00	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 02:59	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:15	LRK	TAL BUF
Total/NA	Analysis	9060A		1	212970	11/08/14 03:14	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 14:45	FLD	TAL BUF

Client Sample ID: MP-244ARR

Date Collected: 10/14/14 15:26

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 17:04	GTG	TAL BUF
Total/NA	Prep	8011			208621	10/18/14 11:45	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/18/14 23:51	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 11:22	DLE	TAL BUF
Dissolved	Prep	3005A			208580	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209227	10/21/14 19:11	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 03:05	MTM2	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210804	10/29/14 07:10	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:16	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/08/14 18:07	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 15:26	FLD	TAL BUF

Client Sample ID: MP-250

Date Collected: 10/14/14 16:13

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 17:26	GTG	TAL BUF
Total/NA	Prep	8011			208621	10/18/14 11:45	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 00:18	KS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-250

Date Collected: 10/14/14 16:13

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 12:06	DLE	TAL BUF
Dissolved	Prep	3005A			208580	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209227	10/21/14 19:14	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 03:11	MTM2	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210804	10/29/14 07:16	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:19	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/08/14 23:40	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 16:13	FLD	TAL BUF

Client Sample ID: MP-250A

Date Collected: 10/14/14 16:54

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 17:48	GTG	TAL BUF
Total/NA	Prep	8011			208621	10/18/14 11:45	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 00:45	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF
Total/NA	Analysis	8082A		1	208756	10/20/14 12:21	DLE	TAL BUF
Dissolved	Prep	3005A			208580	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209227	10/21/14 19:17	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 03:17	MTM2	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210804	10/29/14 07:23	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:20	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/08/14 17:12	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 16:54	FLD	TAL BUF

Client Sample ID: MP-286C

Date Collected: 10/14/14 17:55

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210181	10/27/14 18:10	GTG	TAL BUF
Total/NA	Prep	8011			208621	10/18/14 11:45	JRL	TAL BUF
Total/NA	Analysis	8011		1	208648	10/19/14 01:13	KS	TAL BUF
Total/NA	Prep	3510C			208570	10/18/14 08:16	JLS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-286C

Date Collected: 10/14/14 17:55

Date Received: 10/16/14 08:15

Lab Sample ID: 480-69451-26

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8082A		1	208756	10/20/14 12:36	DLE	TAL BUF
Dissolved	Prep	3005A			208580	10/20/14 08:15	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209227	10/21/14 19:20	LMH	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210505	10/28/14 03:23	MTM2	TAL BUF
Dissolved	Prep	3020A			208414	10/17/14 12:03	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	210804	10/29/14 07:29	MTM2	TAL BUF
Dissolved	Prep	7470A			208718	10/20/14 08:05	LRK	TAL BUF
Dissolved	Analysis	7470A		1	208848	10/20/14 13:22	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/08/14 17:39	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/14/14 17:55	FLD	TAL BUF

Client Sample ID: MP-241R

Date Collected: 10/15/14 10:07

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/23/14 21:23	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 11:06	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 04:49	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:27	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 19:01	MTM2	TAL BUF
Dissolved	Prep	7470A			209026	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:01	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213454	11/10/14 15:24	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 10:07	FLD	TAL BUF

Client Sample ID: MP-235CR

Date Collected: 10/15/14 11:15

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/23/14 21:47	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 12:00	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 05:04	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:29	AMH	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235CR

Date Collected: 10/15/14 11:15

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 19:06	MTM2	TAL BUF
Dissolved	Prep	7470A			209026	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:03	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213454	11/10/14 16:20	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 11:15	FLD	TAL BUF

Client Sample ID: MP-235BR

Date Collected: 10/15/14 12:07

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/23/14 22:11	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 12:27	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 05:19	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:32	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 19:12	MTM2	TAL BUF
Dissolved	Prep	7470A			209026	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:04	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 04:45	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 12:07	FLD	TAL BUF

Client Sample ID: MP-235R

Date Collected: 10/15/14 12:59

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/23/14 22:35	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 12:55	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 05:34	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:35	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 19:18	MTM2	TAL BUF
Dissolved	Prep	7470A			209026	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:06	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 05:13	NCH	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-235R

Date Collected: 10/15/14 12:59

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 12:59	FLD	TAL BUF

Client Sample ID: MP-237

Date Collected: 10/15/14 14:00

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/23/14 22:58	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 13:22	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 05:49	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:38	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 19:42	MTM2	TAL BUF
Dissolved	Prep	7470A			209026	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:08	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 05:40	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 14:00	FLD	TAL BUF

Client Sample ID: MP-401A

Date Collected: 10/15/14 10:40

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/23/14 23:22	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 13:50	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 06:03	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:41	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 19:47	MTM2	TAL BUF
Dissolved	Prep	7470A			209026	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:09	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/09/14 03:46	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 10:40	FLD	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-401B

Lab Sample ID: 480-69567-7

Matrix: Water

Date Collected: 10/15/14 11:16

Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/23/14 23:46	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 14:44	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 06:48	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:43	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 19:53	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:17	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/09/14 04:14	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 11:16	FLD	TAL BUF

Client Sample ID: DUPLICATE DMP #2

Lab Sample ID: 480-69567-8

Matrix: Water

Date Collected: 10/15/14 11:16

Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/24/14 00:09	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 15:12	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 07:03	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:46	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 19:58	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:19	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213454	11/11/14 04:01	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 11:16	FLD	TAL BUF

Client Sample ID: MP-233R

Lab Sample ID: 480-69567-9

Matrix: Water

Date Collected: 10/15/14 12:22

Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/24/14 00:33	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 15:40	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 07:18	DLE	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-233R

Date Collected: 10/15/14 12:22

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 20:49	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 20:04	MTM2	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	217579	12/05/14 14:33	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:21	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213454	11/11/14 04:57	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 12:22	FLD	TAL BUF

Client Sample ID: MP-233AR

Date Collected: 10/15/14 12:50

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/24/14 00:57	LCH	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 16:07	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 07:33	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:00	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 20:10	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:22	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 06:07	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 12:50	FLD	TAL BUF

Client Sample ID: MP-234R

Date Collected: 10/15/14 13:40

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 15:36	GTG	TAL BUF
Total/NA	Prep	8011			209354	10/22/14 14:54	JRL	TAL BUF
Total/NA	Analysis	8011		1	209312	10/23/14 16:35	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 07:48	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:03	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-234R

Date Collected: 10/15/14 13:40

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	6020A		1	213132	11/09/14 20:15	MTM2	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	218122	12/09/14 14:53	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:24	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 09:19	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 13:40	FLD	TAL BUF

Client Sample ID: MP-234AR

Date Collected: 10/15/14 14:24

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/24/14 01:44	LCH	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/23/14 21:58	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 08:03	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:06	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 20:20	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:26	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/09/14 01:57	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 14:24	FLD	TAL BUF

Client Sample ID: MP-402A

Date Collected: 10/15/14 14:45

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/24/14 02:07	LCH	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/23/14 22:58	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 08:18	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:08	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 20:26	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:27	LRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-402A

Lab Sample ID: 480-69567-13

Matrix: Water

Date Collected: 10/15/14 14:45

Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	213037	11/09/14 02:52	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 14:45	FLD	TAL BUF

Client Sample ID: MP-274

Lab Sample ID: 480-69567-14

Matrix: Water

Date Collected: 10/15/14 10:05

Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209694	10/24/14 02:32	LCH	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/23/14 23:29	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 08:32	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:11	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 20:31	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:29	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 09:47	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 10:05	FLD	TAL BUF

Client Sample ID: MP-274A

Lab Sample ID: 480-69567-15

Matrix: Water

Date Collected: 10/15/14 10:50

Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 16:00	GTG	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/23/14 23:59	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 08:47	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:14	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 20:56	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:34	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 10:14	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 10:50	FLD	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: DUPLICATE DMP #3

Lab Sample ID: 480-69567-16

Date Collected: 10/15/14 10:50

Matrix: Water

Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 16:24	GTG	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/24/14 00:29	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 09:02	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:17	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 21:01	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:36	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 10:41	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 10:50	FLD	TAL BUF

Client Sample ID: MP-281

Lab Sample ID: 480-69567-17

Date Collected: 10/15/14 08:40

Matrix: Water

Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 17:34	CDC	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/24/14 00:59	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 09:47	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:20	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 21:07	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:37	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 11:08	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 08:40	FLD	TAL BUF

Client Sample ID: MP-281C

Lab Sample ID: 480-69567-18

Date Collected: 10/15/14 09:15

Matrix: Water

Date Received: 10/17/14 09:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 17:12	GTG	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/23/14 21:28	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 10:02	DLE	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-281C

Date Collected: 10/15/14 09:15

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:22	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 21:12	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:39	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213037	11/08/14 19:29	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 09:15	FLD	TAL BUF

Client Sample ID: MP-404A

Date Collected: 10/15/14 12:40

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	210131	10/27/14 17:59	CDC	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/24/14 01:29	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 10:16	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:44	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 21:40	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:45	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213805	11/12/14 06:57	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 12:40	FLD	TAL BUF

Client Sample ID: FIELD BLANK DMP

Date Collected: 10/15/14 11:45

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 17:59	GTG	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/24/14 02:29	JRL	TAL BUF
Total/NA	Prep	3510C			209639	10/23/14 14:32	RJS	TAL BUF
Total/NA	Analysis	8082A		1	209932	10/25/14 10:31	DLE	TAL BUF
Dissolved	Prep	3005A			208625	10/20/14 08:20	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209797	10/23/14 21:47	AMH	TAL BUF
Dissolved	Prep	3020A			208737	10/20/14 12:14	KJ1	TAL BUF
Dissolved	Analysis	6020A		1	213132	11/09/14 21:46	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: FIELD BLANK DMP

Date Collected: 10/15/14 11:45

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	7470A		1	209191	10/21/14 17:47	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213751	11/12/14 16:32	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 11:45	FLD	TAL BUF

Client Sample ID: MP-213A

Date Collected: 10/15/14 12:10

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 18:23	GTG	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/24/14 02:59	JRL	TAL BUF
Total/NA	Prep	3510C			210024	10/25/14 08:13	AJM	TAL BUF
Total/NA	Analysis	8082A		1	210196	10/28/14 14:14	DLE	TAL BUF
Dissolved	Prep	3005A			208629	10/20/14 12:10	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209226	10/21/14 14:42	LMH	TAL BUF
Dissolved	Prep	3020A			208851	10/21/14 12:14	SLB	TAL BUF
Dissolved	Analysis	6020A		1	209327	10/22/14 04:35	MTM2	TAL BUF
Dissolved	Prep	3020A			208851	10/21/14 12:14	SLB	TAL BUF
Dissolved	Analysis	6020A		1	209685	10/23/14 15:07	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:49	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 08:25	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 12:10	FLD	TAL BUF

Client Sample ID: MP-238R

Date Collected: 10/15/14 13:01

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 18:46	GTG	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/24/14 03:29	JRL	TAL BUF
Total/NA	Prep	3510C			210024	10/25/14 08:13	AJM	TAL BUF
Total/NA	Analysis	8082A		1	210196	10/28/14 14:33	DLE	TAL BUF
Dissolved	Prep	3005A			208629	10/20/14 12:10	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209226	10/21/14 14:57	LMH	TAL BUF
Dissolved	Prep	3020A			208851	10/21/14 12:14	SLB	TAL BUF
Dissolved	Analysis	6020A		1	209327	10/22/14 04:40	MTM2	TAL BUF
Dissolved	Prep	3020A			208851	10/21/14 12:14	SLB	TAL BUF
Dissolved	Analysis	6020A		1	209685	10/23/14 15:13	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:54	LRK	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
 Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-238R

Date Collected: 10/15/14 13:01

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9060A		1	213751	11/12/14 15:38	CAS	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 13:01	FLD	TAL BUF

Client Sample ID: MP-403A

Date Collected: 10/15/14 13:28

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-23

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 19:10	GTG	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/24/14 03:59	JRL	TAL BUF
Total/NA	Prep	3510C			210024	10/25/14 08:13	AJM	TAL BUF
Total/NA	Analysis	8082A		1	210196	10/28/14 14:52	DLE	TAL BUF
Dissolved	Prep	3005A			208629	10/20/14 12:10	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209226	10/21/14 15:00	LMH	TAL BUF
Dissolved	Prep	3020A			208851	10/21/14 12:14	SLB	TAL BUF
Dissolved	Analysis	6020A		1	209327	10/22/14 05:08	MTM2	TAL BUF
Dissolved	Prep	3020A			208851	10/21/14 12:14	SLB	TAL BUF
Dissolved	Analysis	6020A		1	209685	10/23/14 15:43	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:56	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213471	11/11/14 11:35	NCH	TAL BUF
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 13:28	FLD	TAL BUF

Client Sample ID: MP-214BR

Date Collected: 10/15/14 14:06

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	209781	10/24/14 19:34	GTG	TAL BUF
Total/NA	Prep	8011			209623	10/23/14 13:41	JRL	TAL BUF
Total/NA	Analysis	8011		1	209684	10/24/14 04:29	JRL	TAL BUF
Total/NA	Prep	3510C			210024	10/25/14 08:13	AJM	TAL BUF
Total/NA	Analysis	8082A		1	210196	10/28/14 15:11	DLE	TAL BUF
Dissolved	Prep	3005A			208629	10/20/14 12:10	SLB	TAL BUF
Dissolved	Analysis	6010C		1	209226	10/21/14 15:11	LMH	TAL BUF
Dissolved	Prep	3020A			208851	10/21/14 12:14	SLB	TAL BUF
Dissolved	Analysis	6020A		1	209327	10/22/14 05:32	MTM2	TAL BUF
Dissolved	Prep	3020A			208851	10/21/14 12:14	SLB	TAL BUF
Dissolved	Analysis	6020A		1	209685	10/23/14 15:49	MTM2	TAL BUF
Dissolved	Prep	7470A			209028	10/21/14 12:45	LRK	TAL BUF
Dissolved	Analysis	7470A		1	209191	10/21/14 17:57	LRK	TAL BUF
Total/NA	Analysis	9060A		1	213751	11/12/14 16:05	CAS	TAL BUF

TestAmerica Buffalo

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Client Sample ID: MP-214BR

Date Collected: 10/15/14 14:06

Date Received: 10/17/14 09:00

Lab Sample ID: 480-69567-24

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Field Sampling		1	210212	10/15/14 14:06	FLD	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Certification Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-15
California	State Program	9	1169CA	09-30-15
Connecticut	State Program	1	PH-0568	09-30-16
Florida	NELAP	4	E87672	06-30-15
Georgia	State Program	4	N/A	03-31-15
Georgia	State Program	4	956	03-31-15
Illinois	NELAP	5	200003	09-30-15
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-15 *
Kentucky (DW)	State Program	4	90029	12-31-14 *
Kentucky (UST)	State Program	4	30	03-31-15
Louisiana	NELAP	6	02031	06-30-15
Maine	State Program	1	NY00044	12-04-16
Maryland	State Program	3	294	03-31-15
Massachusetts	State Program	1	M-NY044	06-30-15
Michigan	State Program	5	9937	03-31-15
Minnesota	NELAP	5	036-999-337	12-31-14 *
New Hampshire	NELAP	1	2337	11-17-15
New Jersey	NELAP	2	NY455	06-30-15
New York	NELAP	2	10026	03-31-15
North Dakota	State Program	8	R-176	03-31-15
Oklahoma	State Program	6	9421	08-31-15
Oregon	NELAP	10	NY200003	06-09-15
Pennsylvania	NELAP	3	68-00281	07-31-15
Rhode Island	State Program	1	LAO00328	12-30-14 *
Tennessee	State Program	4	TN02970	03-31-15
Texas	NELAP	6	T104704412-11-2	07-31-15
USDA	Federal		P330-11-00386	11-26-17
Virginia	NELAP	3	460185	09-14-15
Washington	State Program	10	C784	02-10-15
West Virginia DEP	State Program	3	252	12-31-14 *
Wisconsin	State Program	5	998310390	08-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Buffalo

Method Summary

Client: Republic Services Inc

TestAmerica Job ID: 480-69451-1

Project/Site: Aber Rd. Landfill - DMP analysis

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
8011	EDB and DBCP in Water by Microextraction	EPA	TAL BUF
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	TAL BUF
6010C	Metals (ICP)	SW846	TAL BUF
6020A	Metals (ICP/MS)	SW846	TAL BUF
7470A	Mercury (CVAA)	SW846	TAL BUF
9060A	Organic Carbon, Total (TOC)	SW846	TAL BUF
Field Sampling	Field Sampling	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP analysis

TestAmerica Job ID: 480-69451-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-69451-1	MP-210AR	Water	10/14/14 15:15	10/16/14 08:15
480-69451-2	MP-406C	Water	10/13/14 14:15	10/16/14 08:15
480-69451-3	MP-409	Water	10/13/14 15:35	10/16/14 08:15
480-69451-4	MP-280	Water	10/14/14 11:35	10/16/14 08:15
480-69451-5	MP-280A	Water	10/14/14 12:10	10/16/14 08:15
480-69451-6	MP-407	Water	10/14/14 08:50	10/16/14 08:15
480-69451-7	MP-405A	Water	10/14/14 10:40	10/16/14 08:15
480-69451-8	MP-231AR	Water	10/14/14 14:10	10/16/14 08:15
480-69451-9	MP-251A	Water	10/14/14 14:55	10/16/14 08:15
480-69451-10	MP-404	Water	10/14/14 15:40	10/16/14 08:15
480-69451-11	MP-227R	Water	10/14/14 11:42	10/16/14 08:15
480-69451-12	MP-228AR	Water	10/14/14 13:35	10/16/14 08:15
480-69451-13	DUPLICATE-DMP #1	Water	10/14/14 13:35	10/16/14 08:15
480-69451-14	MP-230A	Water	10/14/14 15:16	10/16/14 08:15
480-69451-15	MP-232A	Water	10/14/14 16:02	10/16/14 08:15
480-69451-16	MP-211BR	Water	10/13/14 15:00	10/16/14 08:15
480-69451-17	MP-408	Water	10/14/14 09:50	10/16/14 08:15
480-69451-18	MP-206AR	Water	10/14/14 16:30	10/16/14 08:15
480-69451-19	MP-277A	Water	10/14/14 17:25	10/16/14 08:15
480-69451-20	MP-279	Water	10/14/14 18:10	10/16/14 08:15
480-69451-21	TRIP BLANK	Water	10/14/14 00:00	10/16/14 08:15
480-69451-22	MP-244R	Water	10/14/14 14:45	10/16/14 08:15
480-69451-23	MP-244ARR	Water	10/14/14 15:26	10/16/14 08:15
480-69451-24	MP-250	Water	10/14/14 16:13	10/16/14 08:15
480-69451-25	MP-250A	Water	10/14/14 16:54	10/16/14 08:15
480-69451-26	MP-286C	Water	10/14/14 17:55	10/16/14 08:15
480-69567-1	MP-241R	Water	10/15/14 10:07	10/17/14 09:00
480-69567-2	MP-235CR	Water	10/15/14 11:15	10/17/14 09:00
480-69567-3	MP-235BR	Water	10/15/14 12:07	10/17/14 09:00
480-69567-4	MP-235R	Water	10/15/14 12:59	10/17/14 09:00
480-69567-5	MP-237	Water	10/15/14 14:00	10/17/14 09:00
480-69567-6	MP-401A	Water	10/15/14 10:40	10/17/14 09:00
480-69567-7	MP-401B	Water	10/15/14 11:16	10/17/14 09:00
480-69567-8	DUPLICATE DMP #2	Water	10/15/14 11:16	10/17/14 09:00
480-69567-9	MP-233R	Water	10/15/14 12:22	10/17/14 09:00
480-69567-10	MP-233AR	Water	10/15/14 12:50	10/17/14 09:00
480-69567-11	MP-234R	Water	10/15/14 13:40	10/17/14 09:00
480-69567-12	MP-234AR	Water	10/15/14 14:24	10/17/14 09:00
480-69567-13	MP-402A	Water	10/15/14 14:45	10/17/14 09:00
480-69567-14	MP-274	Water	10/15/14 10:05	10/17/14 09:00
480-69567-15	MP-274A	Water	10/15/14 10:50	10/17/14 09:00
480-69567-16	DUPLICATE DMP #3	Water	10/15/14 10:50	10/17/14 09:00
480-69567-17	MP-281	Water	10/15/14 08:40	10/17/14 09:00
480-69567-18	MP-281C	Water	10/15/14 09:15	10/17/14 09:00
480-69567-19	MP-404A	Water	10/15/14 12:40	10/17/14 09:00
480-69567-20	FIELD BLANK DMP	Water	10/15/14 11:45	10/17/14 09:00
480-69567-21	MP-213A	Water	10/15/14 12:10	10/17/14 09:00
480-69567-22	MP-238R	Water	10/15/14 13:01	10/17/14 09:00
480-69567-23	MP-403A	Water	10/15/14 13:28	10/17/14 09:00
480-69567-24	MP-214BR	Water	10/15/14 14:06	10/17/14 09:00

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TestAmerica Buffalo

Chain of Custody Record



Amherst, 1 phone 716 480-69451 Chain of Custody

		Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input checked="" type="checkbox"/> RCRA <input type="checkbox"/> Other: DMP w/ TSCA parameters		Site Contact: Dan Deborde Date: 10/15/14 Carrier: <i>A</i>		TestAmerica Laboratories, Inc. COC No: _____ of _____ COCs	
Project Manager: Mike Gibson Tel/Fax: (614) 888-5760/5763		Lab Contact: Brian Fischer		For Lab Use Only: Walk-in Client: _____ Lab Sampling: _____			
Eagon & Associates, Inc. 100 Old Wilson Bridge Road Suite 1115 Worthington, Ohio 43085 (614) 888-5760 Phone (614) 888-5763 FAX Project Name: DMP - Semimannual Sampling w/ TSCA params. Site: CECOS - Aber Rd P O #		Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: 21 Days <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		PCBs (8082) / TSCA Program Diss. Metals (6010B, 6020, 7470A) TOC (9060) / TSCA Program VOCs (8011) VOCs (8260B) Filtered Sample (Y/N)			
				* only metals bottles field filtered * Diss. Metals (6010B, 6020, 7470A) * PCBs (8082) / TSCA Program * VOCs (8011) * VOCs (8260B) * Filtered Sample (Y/N)		Sample Specific Notes:	
Sample Identification	Sample Date	Sample Time	Sample Type (c-Comp, G-general)	Matrix	# of Cont.		
MP - 210AR	10/14/14	1515	Grab	GW	1		
MP - 406C	10/12/14	1415			1		
MP - 409	10/13/14	1535			1		
MP - 280	10/14/14	1135			1		
MP - 280A		↓ 1210	↓	↓	1		
Preservation Used: 1-Ice; 2-HCl; 3-H2SO4; 4-HNO3; 5-NaOH; 6=None						2	2
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.						2	2
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown						<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months	2
Special Instructions/QC Requirements & Comments:							
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: _____		Cooler Temp. (°C): Obs'd: <i>-2</i> Therm ID No.: <i>-2</i>		Company: <i>Test America</i> Date/Time: <i>10/15/14 11:00</i>	
Relinquished by: <i>Andrea D. Gahan</i>		Company: <i>Eagon & Associates, Inc.</i> Date/Time: <i>10/15/14 11:00</i>		Received by: <i>John B.</i>		Company: <i>Test America</i> Date/Time: <i>10/15/14 11:00</i>	
Relinquished by: <i>J.</i>		Company: <i>TZ</i> Date/Time: <i>10/15/14 11:00</i>		Received in Laboratory by: <i>John J.</i>		Company: <i>Test America</i> Date/Time: <i>10/15/14 11:00</i>	
Relinquished by: <i>J.</i>							

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

TestAmerica Laboratories Inc

Regulatory Program: DMP w/ TSCA parameters
 RCRA
 Other:
 NPDES
 DW

Amherst, NY 14228
Phone 716.691.7991

Client Contact		Regulatory Program:		<input type="checkbox"/> DW	<input type="checkbox"/> NPDES	<input checked="" type="checkbox"/> RCRA	<input type="checkbox"/> Other:	DMP w/ TSCA parameters	Date:	10/15/14	COC No:	
Eagon & Associates, Inc.	Project Manager: Mike Gibson Tel/Fax: (614) 888-5760/5763	Site Contact: Dan DeBorde Lab Contact: Brian Fischer	Carrier:	74A		/	/	COCs				
100 Old Wilson Bridge Road Suite 115 Worthington, Ohio 43085	Analysis Turnaround Time											
(614) 888-5760	Phone	<input checked="" type="checkbox"/> CALENDAR DAYS		TAT if different from Below: 21 Days		For Lab Use Only:						
(614) 888-5763	FAX	<input type="checkbox"/>		2 weeks	1 week	Walk-in Client:						
Project Name: DMP - Semiannual Sampling w/ TSCA params. Site: CECOS - Aber Rd PO #		<input type="checkbox"/>		1 day	2 days	Lab Sampling:						
		<input type="checkbox"/>		1 day	VOCs (8260B)	Job / SDG No.:						
		<input type="checkbox"/>		VOCs (8011)	Diss. Metals (6010B, 6020, 7470A)	Sampler: A/J						
		<input type="checkbox"/>		PCBs (8082) / TSCA Program	Sample Specific Notes:							
		<input type="checkbox"/>		TOC (9060) / TSCA Program								
		<input type="checkbox"/>		- only metals bottles field filtered								
		<input type="checkbox"/>		Additional Unpreserved added								
		<input type="checkbox"/>										
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)*		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		All samples preserved on ice	
MP - 211BR	10/3/14	1500	Grab	GW	1	X	X	X				
MP - 4D8	10/14/14	0950			1	X	X	X				
MP - 206AR		1630			1	X	X	X				
MP - 277A		1725			1	X	X	X				
MP - 279		1810			1	X	X	X				
TRIP Blank	—	—	—	O	4	X	X	X				
Preservation Used: HCl 2-4% HClO 3-4% NaOH 6-None												
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the comments section if the lab is to dispose of the sample.												
<input checked="" type="checkbox"/> Non-Hazard		<input type="checkbox"/> Flammable		<input type="checkbox"/> Poison A	<input type="checkbox"/> Unknown	<input type="checkbox"/> Return to Client	<input type="checkbox"/> Disposal by Lab	<input type="checkbox"/> Archive for _____ Months				
Special Instructions/QC Requirements & Comments:												
Custody Seals Intact:		<input type="checkbox"/> Yes	<input type="checkbox"/> No	Custody Seal No.:		Cooler Temp. (°C): Obsd: <u>14</u> Cord: <u>14</u> Therm ID No: <u>1</u>						
Relinquished by: <u>Andrew Gruber</u>	Company: Eagon & Associates, Inc.		Date/Time: 10/14/14 11:00		Received by: <u>John</u>		Company: TestAmerica		Date/Time: 10/14/14 11:00			
Relinquished by: <u>AJ</u>	Company: <u>JAI</u>		Date/Time: 10/14/14 14:00		Received by: <u>AJ</u>		Company: <u>John</u>		Date/Time: 10/16/14 0815			
Relinquished by: <u>AJ</u>	Company:		Date/Time:		Received in Laboratory by:		Company:		Date/Time:			

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TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Client Contact		Regulatory Program:		<input type="checkbox"/> DW	<input type="checkbox"/> NPDES	<input checked="" type="checkbox"/> RCRA	<input type="checkbox"/> Other:	DMP w/ TSCA parameters	Date:	10/15/14	COC No:	1
Eagon & Associates, Inc. 100 Old Wilson Bridge Road Suite 115 Worthington, Ohio 43085		Project Manager: Mike Gibson Tel/Fax: (614) 888-5760/5763		Site Contact: Dan Deborde Lab Contact: Brian Fischer		Carrier:		T/A		1 of 1 COCs	2	
		Analysis Turnaround Time								For Lab Use Only:	3	
		<input checked="" type="checkbox"/> CALENDAR DAYS		TAT if different from Below: 21 Days						Walk-in Client:	4	
		<input type="checkbox"/> WORKING DAYS		2 weeks						Lab Sampling:	5	
		<input type="checkbox"/>		1 week						Job / SDG No.:	6	
		<input type="checkbox"/>		2 days						Sampler: C. Gordon	7	
		<input type="checkbox"/>		1 day						Sample Specific Notes:	8	
				Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.			9
				MP - 244R	10/14/14	1445	Grab	G/W	11	X X X X X X X X X X		10
				MP - 244ARR	1	1526			12	X X X X X X X X X X		11
				MP - 250		1613			14	X X X X X X X X X X		12
				MP - 250A		1654			15	X X X X X X X X X X		13
				MP - 286C	↓	1755	↓	↓	16	X X X X X X X X X X		14
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Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

480-88567 Chain of Custody

Regulatory Program: DW NPDES RCRA Other: DMP w/ TSCA parameters

Project Manager: Mike Gibson Tel/Fax: (614) 888-5760/5763

Lab Contact: Brian Fischer Site Contact: Dan DeBorde Date: 10/16/14

Carrier: T4 COC No: / of / COCs

For Lab Use Only:

Walk-in Client: _____

Lab Sampling: _____

Job / SDG No.: _____

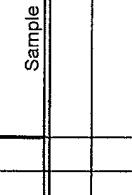
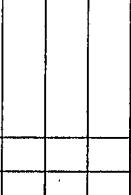
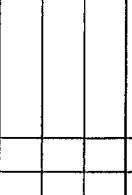
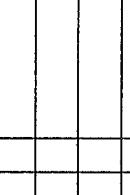
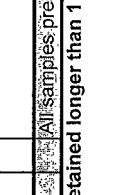
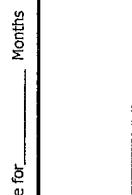
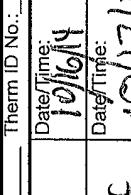
Sampler: NK/CC _____

Sample Specific Notes:

Project Manager: Mike Gibson		Site Contact: Dan DeBorde		Date: 10/16/14		COC No: / of / COCs	
Tel/Fax: (614) 888-5760/5763		Lab Contact: Brian Fischer		Carrier: T4		For Lab Use Only:	
Analysis Turnaround Time		Date: 10/16/14		COC No: / of / COCs		Walk-in Client: _____	
<input checked="" type="checkbox"/> CALENDAR DAYS		Working Days		Lab Sampling: _____		Job / SDG No.: _____	
TAT if different from Below: 21 Days		2 weeks		Sampler: NK/CC _____		Sample Specific Notes:	
<input type="checkbox"/>		1 week		_____		_____	
<input type="checkbox"/>		2 days		_____		_____	
<input type="checkbox"/>		1 day		_____		_____	
VOCs (8260B)		Diss. Metals (6010B, 6020, 7470A)		PCBs (8082) / TSCA Program		Only metal bottles field filtered	
VOCs (8011)		TOC (9060) / TSCA Program		- only metal bottles field filtered		_____	
Project Name: DMP - Semimannual Sampling w/ TSCA params.		Diss. Metals (6010B, 6020, 7470A)		VOCs (8082)		_____	
Site: CECOS - Aber Rd		TOC (9060) / TSCA Program		PCBs (8082) / TSCA Program		_____	
PO #		VOCs (8011)		Diss. Metals (6010B, 6020, 7470A)		TSCA Program	
Sample Identification		Sample Date	Sample Time	Sample Type (c=Comp, e=Grab)	Matrix	# of Cont	
MP - 241R		10/15/14	1007	Grab	GW	1	
MP - 235CR		1115					
MP - 235BR		1207					
MP - 235R		1259					
MP - 237		1450					
Preservation Used: 1 = HCl; 2 = HCl; 3 = H ₂ SO ₄ ; 4 = HNO ₃ ; 5 = NaOH; 6 = None		All samples preserved on ice		All samples preserved on ice		All samples preserved on ice	
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
<input checked="" type="checkbox"/> Non-Hazard		<input type="checkbox"/> Flammable		<input type="checkbox"/> Return to Client		<input type="checkbox"/> Disposal by Lab	
<input type="checkbox"/> Skin Irritant		<input type="checkbox"/> Poison B		<input type="checkbox"/> Unknown		<input type="checkbox"/> Archive for _____ Months	
Special Instructions/QC Requirements & Comments:							
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Cont'd: _____	
Relinquished by: <i>Andrew Greber</i>		Company: Eagon & Associates, Inc.		Received by: <i>N</i>		Company: TestAmerica	
Date/Time: 10/16/14 10:00		Date/Time: 10/16/14 10:00		Date/Time: 10/16/14 10:00		Date/Time: 10/16/14 10:00	
Relinquished by: <i>JAL</i>		Company: <i>JAL</i>		Received by: <i>B</i>		Company: <i>T A B</i>	
Date/Time: 10/16/14 10:00		Date/Time: 10/16/14 10:00		Date/Time: 10/16/14 10:00		Date/Time: 10/16/14 10:00	
Relinquished by: <i>JAL</i>		Company: <i>JAL</i>		Received by: <i>JAL</i>		Company: <i>JAL</i>	
Date/Time: 10/16/14 10:00		Date/Time: 10/16/14 10:00		Date/Time: 10/16/14 10:00		Date/Time: 10/16/14 10:00	



THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.										
DMP w/ TSCA parameters										
<input checked="" type="checkbox"/> RCRA <input type="checkbox"/> NPDES <input type="checkbox"/> DW <input type="checkbox"/> Other:										
Regulatory Program:		Project Manager: Mike Gibson Tel/Fax: (614) 888-5760/5763		Site Contact: Dan DeBorde Lab Contact: Brian Fischer		Date: 10/16/14		COC No: / of / COCs		
Client Contact		Analysis Turnaround Time		Carrier: TA		For Lab Use Only:				
Eagon & Associates, Inc. 100 Old Wilson Bridge Road Suite 115 Worthington, Ohio 43085		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: 21 Days 2 weeks 1 week 2 days 1 day		Walk-in Client: Lab Sampling:		Job / SDG No.:				
Phone FAX		Project Name: DMP - Semiannual Sampling w/ TSCA params. Site: CECOS - Aber Rd O#		PCBs (8082) / TSCA Program Diss. Metals (6010B, 6020, 7470A) VOCs (8260B)		Sampler: NK/C				
Sample Identification		Sample Date	Sample Time	Sample Type (C-cont, G-Grab)	Matrix	# of Cont.	Sample Specific Notes:			
MP-461A		10/15/14	1040	Grab	GW	1	* only metals bottles field filtered PCBs (9060) / TSCA Program Diss. Metals (6010B, 6020, 7470A) VOCs (8011)			
MP-461B		11/16				1	PCBs (9060) / TSCA Program Diss. Metals (6010B, 6020, 7470A) VOCs (8011)			
DUPLICATE DMP # 2		11/16				1	PCBs (9060) / TSCA Program Diss. Metals (6010B, 6020, 7470A) VOCs (8011)			
MP-233R		1222				1	PCBs (9060) / TSCA Program Diss. Metals (6010B, 6020, 7470A) VOCs (8011)			
MP-233AR		1250	↓			1	PCBs (9060) / TSCA Program Diss. Metals (6010B, 6020, 7470A) VOCs (8011)			
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)										
<input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Disposal by Client <input type="checkbox"/> Archive for _____ Months										
Comments Section if the lab is to dispose of the sample.										
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown										
Special Instructions/QC Requirements & Comments:										
Custody Seals Intact:		<input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____		Cord:		
Relinquished by:				Company: Eagon & Associates, Inc.		Date/Time: 10/16/14 10:10		Company: TA		
Relinquished by:				Company: TA		Date/Time: 10/16/14 10:10		Company: TA		
Relinquished by:				Company: TA		Date/Time: 10/16/14 10:10		Company: TA		
Relinquished by:				Company: TA		Date/Time: 10/16/14 10:10		Company: TA		
Relinquished by:				Company: TA		Date/Time: 10/16/14 10:10		Company: TA		
Relinquished by:				Company: TA		Date/Time: 10/16/14 10:10		Company: TA		
Relinquished by:				Company: TA		Date/Time: 10/16/14 10:10		Company: TA		
Relinquished by:				Company: TA		Date/Time: 10/16/14 10:10		Company: TA		

Regulatory Program: DW NPPDES BCRA Other: DMP w/ TS

#12.9

Chain of Custody Record

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

THE LEADER IN ENVIRONMENTAL TESTING

TestAmerica Laboratories, Inc.

Regulatory Program:

DW NPDES RCRA Other:

DMP w/ TSCA parameters

Client Contact		Project Manager: Mike Gibson Tel/Fax: (614) 888-5760/5763		Site Contact: Dan Debordre Lab Contact: Brian Fischer		Date: 10/16/14	Carrier: TA	COC No.: / of / COCs	
Eagon & Associates, Inc. 100 Old Wilson Bridge Road Suite 1115 Worthington, Ohio 43085		Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS		TAT if different from Below: 21 Days <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		For Lab Use Only: Walk-in Client: _____ Lab Sampling: _____ Job / SDG No.: _____ Sampler: NJ			
(614) 888-5760 Phone									
(614) 888-5763 FAX									
Project Name: DMP - Semiannual Sampling w/ TSCA params. Site: CECOS - Aber Rd PO #									
Sample Specific Notes:									
Sample Identification		Sample Date	Sample Time	Sample Type (e.g. Comp., Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)*		
M# - 274	10/16/14	1005	Grab	GW	1	X	X	X	
MP - 274A		1050	Grab	GW	1	X	X	X	
Diss. Metals (6010B, 6020, 7470A) PCBs (8082) / TSCA Program TOC (9060) / TSCA Program VOCs (8260B) VOCs (8011)									
* - only metals bottles field filtered									
All samples preserved on ice									
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
Preservation Used:		HCl		35% HNO3		2.5% H2SO4		None	
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Return to Client <input type="checkbox"/> Disposal by Lab <input type="checkbox"/> Archive for _____ Months									
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact:		<input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____ Corrd: _____ Therm ID No.: _____			
Relinquished by: <i>Andrew Graham</i>				Company: Eagon & Associates, Inc.		Date/Time: 10/16/14 10:10	Received by: <i>TA</i>	Company: TestAmerica	Date/Time: 10/16/14 10:10
Relinquished by: <i>/</i>				Company: TA		Date/Time: 10/16/14 11:00	Received by: <i>TA Bluff</i>	Company: TA Bluff	Date/Time: 10/17/14 09:00
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Chain of Custody Record

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: DW NPDES RCRA Other: DMP w/ TSCA parameters

Client Contact	Project Manager: Mike Gibson Tel/Fax: (614) 888-5760/5763	Site Contact: Dan Debordde Lab Contact: Brian Fischer Carrier: TA	Date: 10/16/14	COC No: 1 of 1 COCs
Eagon & Associates, Inc. 100 Old Wilson Bridge Road Suite 115 Worthington, Ohio 43085	Analysis Turnaround Time <input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below: 21 Days 2 weeks 1 week 2 days 1 day	PCBs (8082) / TSCA Program TOC (9060) / TSCA Program Diss. Metals (6010B, 6020, 7470A) VOCs (8260B) VOCs (8011)	- only metals bottles field filtered	For Lab Use Only: Walk-in Client: _____ Lab Sampling: _____ Job / SDG No.: _____ Sampler: J-N
Project Name: DMP - Semiannual Sampling w/ TSCA params. Site: CECOS - Aber Rd PO #	Sample Identification	Sample Date Sample Time Sample Type (c=Comp., g=Grab) Matrix # of Cont.	Sample Date Sample Time Sample Type (c=Comp., g=Grab) Matrix # of Cont.	Sample Specific Notes:
MP-281 MP-281C MP-281C (MS) MP-281C (MSD) MP-404 A	10/15/14 0840 09/15 09/15 09/15 12/40	Grab GW GW GW GW	11 1 1 1 1	X X
Preservation Used: Ice: 2-HCl: 3-H2SO4: 4-HNO3: 5-NaOH: 6-None				
Comments: Any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.				
<input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown				
Special Instructions/QC Requirements & Comments:				
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:	Cooler Temp. ("C): Obs'd: _____ Cont'd: _____ Therm ID No.: _____	
Relinquished by: <i>John Carlson</i>		Company: Eagon & Associates, Inc.	Date/Time: 10/16/14 10:00	Received By: <i>J-N</i> Company: TestAmerica
Relinquished by: <i>M</i>		Company: TA	Date/Time: 10/16/14 11:00	Received By: <i>Beth Gifford</i> Company: TA Buff
Relinquished by: <i>M</i>		Company: TA	Date/Time: 10/17/14 09:00	Received in Laboratory By: <i>J-N</i> Company: TA Buff

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228
phone 716.504.9852 fax 716.691.7991

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Regulatory Program: DW NPDES RCRA Other: DMP w/ TSCA parameters

Project Manager: Mike Gibson
Tel/Fax: (614) 888-5760/5763

Analysis Turnaround Time
CALNDAR DAYS WORKING DAYS

TAT if different from Below: 21 Days
2 weeks

1 week

2 days

1 day

VOCs (8260B)

PCBs (8082) / TSCA Program

Diss. Metals (6010B, 6020, 7470A)

TOC (9060) / TSCA Program

VOCs (8011)

PCBs (8082) / TSCA Program

Diss. Metals (6010B, 6020, 7470A)

* - only metals bottles field filtered

Site Contact: Dan Debord Date: 10/16/14 COC No:

Lab Contact: Brian Fischer Carrier: TA I of COCs

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Job / SDG No.:

Sampler: M4/nw/AG

Sample Specific Notes:

TestAmerica Laboratories, Inc.

Project Manager: Mike Gibson

Analysis Turnaround Time

CALNDAR DAYS WORKING DAYS

TAT if different from Below: 21 Days

2 weeks

1 week

2 days

1 day

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Site Contact: Dan Debord Date: 10/16/14 COC No:

Lab Contact: Brian Fischer Carrier: TA I of COCs

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Job / SDG No.:

Sampler: M4/nw/AG

Sample Specific Notes:

TestAmerica Laboratories, Inc.

Project Manager: Mike Gibson

Analysis Turnaround Time

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Site Contact: Dan Debord Date: 10/16/14 COC No:

Lab Contact: Brian Fischer Carrier: TA I of COCs

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Job / SDG No.:

Sampler: M4/nw/AG

Sample Specific Notes:

TestAmerica Laboratories, Inc.

Project Manager: Mike Gibson

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Site Contact: Dan Debord Date: 10/16/14 COC No:

Lab Contact: Brian Fischer Carrier: TA I of COCs

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Job / SDG No.:

Sampler: M4/nw/AG

Sample Specific Notes:

TestAmerica Laboratories, Inc.

Project Manager: Mike Gibson

Analysis Turnaround Time

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Site Contact: Dan Debord Date: 10/16/14 COC No:

Lab Contact: Brian Fischer Carrier: TA I of COCs

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Job / SDG No.:

Sampler: M4/nw/AG

Sample Specific Notes:

TestAmerica Laboratories, Inc.

Project Manager: Mike Gibson

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Site Contact: Dan Debord Date: 10/16/14 COC No:

Lab Contact: Brian Fischer Carrier: TA I of COCs

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Job / SDG No.:

Sampler: M4/nw/AG

Sample Specific Notes:

TestAmerica Laboratories, Inc.

Project Manager: Mike Gibson

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Lab Contact: Brian Fischer Carrier: TA I of COCs

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Job / SDG No.:

Sampler: M4/nw/AG

Sample Specific Notes:

TestAmerica Laboratories, Inc.

Project Manager: Mike Gibson

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Lab Contact: Brian Fischer Carrier: TA I of COCs

For Lab Use Only:

Walk-in Client:

Lab Sampling:

Job / SDG No.:

Sampler: M4/nw/AG

Sample Specific Notes:

TestAmerica Laboratories, Inc.

Project Manager: Mike Gibson

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Job / SDG No.:

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TestAmerica Laboratories, Inc.

Project Manager: Mike Gibson

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Lab Contact: Brian Fischer Carrier: TA I of COCs

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Walk-in Client:

Lab Sampling:

Job / SDG No.:

Sampler: M4/nw/AG

Sample Specific Notes:

TestAmerica Laboratories, Inc.

Project Manager: Mike Gibson

Analysis Turnaround Time

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1 day

VOCs (8260B)

PCBs (8082) / TSCA Program

Diss. Metals (6010B, 6020, 7470A)

TOC (9060) / TSCA Program

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-69451-1

Login Number: 69451

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	EAGON
Samples received within 48 hours of sampling.	False	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-69451-1

Login Number: 69567

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	EAGON
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

**Sample
Point:** MP-210AR

FIELD INFORMATION FORM

Site Name:	CECOS - Aber Rd		Sample Point:	HP-406c								
WELL DATA	Water-Level Date (MM DD YY)	10/13/14	Water-Level Time (2400 Hr. Clock)	08:58	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.							
	Well Elevation (at TOC)	91740 (ft/m)	Depth to Water (DTW) (from TOC)	12290 (ft)	Groundwater Elevation (site datum, from TOC) 189450 (ft/m)							
	Total Well Depth (from TOC)	6760 (ft)	Water Column Height (well depth - DTW)	14470 (ft)	Casing ID 102 (in)							
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.45 μ or μ (circle or fill in)							
	Purging Device	<input checked="" type="checkbox"/> A-Submersible Pump	D-Bailer	A-P1200M (495 ml)								
	Sampling Device	<input checked="" type="checkbox"/> B-Peristaltic Pump	E-Piston Pump	B-P110IM (395 ml)								
	X-Other	<input type="checkbox"/> C-QED Bladder Pump	F-Dipper/Bottle	X-Other								
			Pump Type (Vol)	<input checked="" type="checkbox"/> B	A-3/8 inch (22 ml/ft)							
		Tubing ID (Vol/ft)	<input checked="" type="checkbox"/> R	B-1/4 inch (10 ml/ft)								
PURGE INFO	PURGE DATE (MM DD YY)	10/13/14	START PURGE TIME (2400 Hr. Clock)	13:55	ELAPSED HRS (hr:min)	00:20	WATER VOL (L: Gal) IN (PURGE TUBING: WELL: CASING) circle one of each	116	ACTUAL VOL PURGED (Liters: Gallons)	80	(PUMP/TUBING: WELL) VOLS PURGED (optional)	8
	Time (2400 Hr. Clock)	DTW (ft)	VOL Purged (L: Gal) circle one	pH (std)	Conductance (microhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)				
	13:55	12288	140	7.16	1990	15.2	11	400				
	14:05	12291	160	7.17	1990	15.2	11	400				
	14:10	12291	180	7.21	1990	15.1	12.77	400				
	14:15	12291	1	1	1	1	1	1				
	14:20	12291	1	1	1	1	1	1				
	14:25	12291	1	1	1	1	1	1				
	14:30	12291	1	1	1	1	1	1				
	14:35	12291	1	1	1	1	1	1				
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).												
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gal) circle one	pH (std)	CONDUCTANCE (microhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)				
	10/13/14	14:15	80	7.21	1990	15.1	12.77	400				
FIELD COMMENTS	Sample Appearance:		Odor:		Color:		Other:					
			None		Clear		-					
	Weather Conditions (at sample time): Wind Speed/Direction:		0-5 SW		Air Temp:		75°F					
	Specific Comments (including purge/well volume calculations if required):		D.O. (mg/L): 0.17				Precipitation: <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N					
			ORP (mV): -44.1									
<i>Samples collected: DMP VOL / Diss. Metals, TOC PCB's</i>												
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:												
Date	Name	Signature		Eagon & Associates, Inc.		Company						

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-409

WELL DATA	Water-Level Date (MM DD YY)	10/13/14	Water-Level Time (2400 Hr. Clock)	10:10	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-S = 3-S well vol.	LF	X = Other					
	Well Elevation (at TOC)	911183 (ft/msl)	Depth to Water (DTW) (from TOC)	1018 (ft)	Groundwater Elevation (site datum, from TOC)	90165 (ft/msl)						
	Total Well Depth (from TOC)	81170 (ft)	Water Column Height (well depth - DTW)	7152 (ft)	Casing ID	52 (in)						
	Purging and Sampling Equipment...Dedicated	<input checked="" type="checkbox"/> or <input type="checkbox"/>	Filter Device	<input checked="" type="checkbox"/> or <input type="checkbox"/>	0.43L	µ (circle or fill in)						
Purging Device	<input checked="" type="checkbox"/>	A-Submersible Pump		A-P1200M (495 ml)								
Sampling Device	<input checked="" type="checkbox"/>	B-Peristaltic Pump		B-P1101M (398 ml)								
		C-QED Bladder Pump		C-P1150 (130 ml)								
D-Bailer		E-Piston Pump	<input checked="" type="checkbox"/>	X-Other								
F-Dipper/Bottle		G-		A-3/8 inch (22 ml/ft)								
		H-		B-1/4 inch (10 ml/ft)								
X-Other		I-		C-0.17 inch (4.5 ml/ft)								
		J-		X-Other								
PURGE EQUIPMENT	PURGE DATE (MM DD YY)	10/13/14	START PURGE TIME (2400 Hr. Clock)	15:15	ELAPSED HRS (hrs:min)	00:26	WATER VOL (1) (Gal) IN (PUMPING: WELL CASING) circle one of each	112	ACTUAL VOL PURGED (Liters: Gallons)	40	TIME/TIME: WELL VOLS PURGED (optional)	33
	PURGE INFO											
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol Purged (<input checked="" type="checkbox"/> Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)				
	15:15	1018	100	7.33	1910	16.8	+++	200				
	15:25	1091	150	7.30	1913	16.6	+++	200				
	15:30	1093	130	7.36	1913	16.6	+++	200				
	15:35	1095	140	7.37	1911	16.6	49.8	200				
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).												
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (<input checked="" type="checkbox"/> Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)				
	10/13/14	15:35	40	7.37	1911	16.6	49.8	200				
FIELD COMMENTS	Sample Appearance: — Odor: None color: Clear Other: —											
	Weather Conditions (at sample time): Wind Speed/Direction: S-10/W Air Temp: 75° Precipitation: Y or N											
	Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.11 ORP (mV): -95.8											
	Samples Collected: PMP VOC's / Dissolved Metals, TDS, PCPs											
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:												
Date	Name	Signature			Eaton & Associates, Inc. Company							

FIELD INFORMATION FORM

Site Name:	CECOS - Aber Rd			Sample Point:	MP-280			
WELL DATA	Water-Level Date (MM DD YY)	10/13/14	Water-Level Time (2400 Hr. Clock)	10:42	Purge/Sample Method:	LF	X = Other LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vol.	
	Well Elevation (at TOC)	911249 (ft/msl)	Depth to Water (DTW) (from TOC)	11484 (ft)	Groundwater Elevation (site datum, from TOC)	89765 (ft/msl)		
	Total Well Depth (from TOC)	116746 (ft)	Water Column Height (well depth - DTW)	1256 (ft)	Casing ID	102 (in)		
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment..Dedicated			<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.45 μ m or <input type="checkbox"/> μ (circle or fill in)	
	Purging Device	C	A-Submersible Pump B-Peristaltic Pump Sampling Device	C-QED Bladder Pump	D-Bailey E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	<input checked="" type="checkbox"/> B	A-P1200M (495 ml) B-P1101M (395 ml) A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft)
	X-Other				Tubing ID (Vol/Ft)	<input checked="" type="checkbox"/> B	C-P1150 (130 ml) X-Other C-0.17 inch (4.5 ml/ft) X-Other	
	PURGE INFO	10/14/14	11105	00035	1114	100	711	
PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (Ls/Gal) IN (GALLONS/TUBING: WELL CASING) circle one of each	ACTUAL VOL PURGED (Liter/Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)			
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Purged (1 Gal) circle one	pH (std)	Conductance (umhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
	11105	11481		7.53	11598	150		4100
	11125	129511	80	7.56	11583	1511		2010
	111310	129514	90	7.57	11569	1510		2010
	111315	129517	100					
	Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).							
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gal) circle one	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
	10/14/14	11135	100	757	11569	150	17110	2100
Sample Appearance: — Odor: None color: Clear Other: —								
Weather Conditions (at sample time): Wind Speed/Direction: S-10&W Air Temp: 25°C Precipitation: Y or N								
Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.05 ORP (mV): -172.6								
Samples Collected 18 Dissolved Metals/VC's ,TOC, PCB's								
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	Name	Nelson Novak	Signature	Eagon & Associates, Inc. Company				

FIELD INFORMATION FORM

Site Name:		CECOS - Aber Rd		Sample Point:	MP-280A						
WELL DATA	Water-Level Date (MM DD YY)	10/13/14	Water-Level Time (2400 Hr Clock)	09:38	Purge/Sample Method:	<input checked="" type="checkbox"/> LF	X = Other LF = Low Flow P = Passive Dry = Dry 3-S = 3-S well vola.				
	Well Elevation (at TOC)	912.8 (ft/msl)	Depth to Water (DTW) (from TOC)	118.81 (ft)	Groundwater Elevation (site datum, from TOC)	893.47 (ft/msl)					
	Total Well Depth (from TOC)	353.0 (ft)	Water Column Height (well depth - DTW)	116.49 (ft)	Casing ID	104 (in.)					
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.450 or <input type="checkbox"/> — μ (circle or fill in)					
	Purging Device	<input checked="" type="checkbox"/> C	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Bailer E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	<input checked="" type="checkbox"/> B	A-P1200M (495 ml) B-P1101M (395 ml) X-Other				
	Sampling Device	<input checked="" type="checkbox"/> C		Tubing ID (Vol/Ft)	<input checked="" type="checkbox"/> R	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) X-Other					
	X-Other	<input type="checkbox"/>									
PURGE INFO	PURGE DATE (MM DD YY)	10/14/14	START PURGE TIME (2400 Hr Clock)	11:15:00	ELAPSED HRS (hrs:min)	00:26	WATER VOL (L/Gal) IN (PUMP/TUBING & WELL CASING)	107	ACTUAL VOL PURGED (Ltrs: Gallons)	80	(PUMP/TUBING WELL) VOLS PURGED (optional)
							circle one of each				
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	VOL. PURGED (L: Gal.) circle one	pH (std)	Conductance (mhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)			
	11:15:00	118.43	40	6.83	1176.0	14.0	1++	4100			
	12:00:00	118.48	40	6.88	1177.5	14.0	1++	4100			
	12:10:15	118.49	60	6.88	1176.4	14.0	13.74	4100			
	12:11:10	118.49	40	6.88	1176.4	14.0	13.74	4100			
	11:11:11										
	11:11:11										
	11:11:11										
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	11:11:11										
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	11:11:11										
	11:11:11										
	11:11:11										
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).											
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr Clock)	VOL PURGED (L: Gal.) circle one	pH (std)	CONDUCTANCE (mhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)			
	10/14/14	11:21:00	180	6.83	1176.7	14.0	13.74	4100			
FIELD COMMENTS	Sample Appearance:		—	Odor:	None	color:	Clear	Other:	—		
	Weather Conditions (at sample time): Wind Speed/Direction:		5-10/W	Air Temp:	65°F	Precipitation:	<input checked="" type="checkbox"/> Y or N				
	Specific Comments (including purge/well volume calculations if required):		D.O. (mg/L): 0.01 ORP (mV): -46.4								
	Samples Collected: DMP VOC's/Dissolved Metals, TOC, PCB's										
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:											
Date	Name	Signature		Eagon & Associates, Inc.							
10/14/14	Nelson Novak	Nelson Novak		Company							

FIELD INFORMATION FORM

Site Name:	CECOS - Aber Rd		Sample Point:	MP-407								
WELL DATA	Water-Level Date	10/13/14 (MM DD YY)	Water-Level Time	10:32 (2400 Hr. Clock)	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-S = 3-S well vol.							
	Well Elevation (at TOC)	911031 (ft/msl)	Depth to Water (DTW) (from TOC)	11578 (ft)	Groundwater Elevation (site datum, from TOC)	189453 (ft/msl)						
	Total Well Depth (from TOC)	181170 (ft)	Water Column Height (well depth - DTW)	6592 (ft)	Casing ID	102 (in)						
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated			<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N (45 μ) or _____ μ (circle or fill in)							
	Purging Device	C	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Bailer E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	B A-PI20004 (495 ml) B-PI101M (395 ml) X-Other						
	Sampling Device	C			Tubing ID (Vol/Pt)	B A-3/8 inch (22 ml/lb) B-1/4 inch (10 ml/lb) X-Other						
	X-Other											
PURGE INFO	PURGE DATE (MM DD YY)	10/14/14	START PURGE TIME (2400 Hr. Clock)	0815	ELAPSED HRS (hrs:min)	00:35	WATER VOL (L:Gal) IN (PUMPING: WELL CASING) circle one of each	12	ACTUAL VOL PURGED (Liter: Gallons) circle one	76	(PUMP/TUBING: WELL) VOLS PURGED (optional)	583
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L: Gal) circle one	pH (std)	Conductance (μ mhos/cm)	Temp ($^{\circ}$ C)	Turbidity (ntu)	Rate (ml/min)				
	08115	11571	140	7.30	1211615	11612	+++	2000				
	08315	118138	150	7.49	1211516	11518	+++	2000				
	08410	1181413	160	7.419	1211416	11517	+++	2000				
	08415	1181418	170	7.419	1211418	11517	++	2000				
	08510	118152	170	7.419	1211418	11517	++	2000				
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).												
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr Clock)	VOL PURGED (L: Gal) circle one	pH (std)	CONDUCTANCE (μ mhos/cm)	TEMP ($^{\circ}$ C)	TURBIDITY (ntu)	RATE (ml/min)				
	10/14/14	0850	76	7.49	1211418	11517	11617	200				
FIELD COMMENTS	Sample Appearance:	—	Odor:	None	color:	Clear	Other:	—				
	Weather Conditions (at sample time): Wind Speed/Direction:	5-10 mph	Air Temp:	60 $^{\circ}$ F	Precipitation:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No						
	Specific Comments (including purge/well volume calculations if required):	D.O. (mg/L): 0.03 ORP (mV): -137.2										
<p>Sample water effervescent Samples Collected: DMP VOC's/Dissolved Metals, TCC, PCB's</p>												
<p>I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:</p>												
Date	Name	Signature		Company								

FIELD INFORMATION FORM

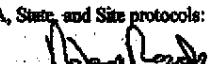
Site Name: <u>CECOS - Aber Rd</u>		Sample Point: <u>MP-405A</u>							
WELL DATA	Water-Level Date (MM DD YY)	<u>10/13/14</u>	Water-Level Time (2400 Hr. Clock)	<u>0944</u>	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.				
	Well Elevation (at TOC)	<u>901102</u> (ft/msl)	Depth to Water (DTW) (from TOC)	<u>883</u> (ft)	Groundwater Elevation (site datum, from TOC) <u>90219</u> (ft/msl)				
	Total Well Depth (from TOC)	<u>11560</u> (ft)	Water Column Height (well depth - DTW)	<u>1677</u> (ft)	Casing ID: <u>02</u> (ft)				
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment: Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	<u>0.450</u> or <input type="checkbox"/> μ (circle or fill in)				
	Purging Device	<input checked="" type="checkbox"/>	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Bailer E-Piston Pump F-Dipper/Bottle	Pump Type (Vol) <input checked="" type="checkbox"/>	A-P1200M (495 ml) B-P1101M (395 ml) X-Other			
	Sampling Device	<input checked="" type="checkbox"/>	X-Other	Tubing ID (Vol/Ft)	<input checked="" type="checkbox"/>	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) X-Other			
PURGE INFO	<u>10/14/14</u>	<u>0815</u>	<u>0025</u>	<u>0124</u>	<u>1125</u>	<u>125</u>			
	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L/GAL) IN (PURGING: WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters/Gallons) circle one	PUMP/TUBING: WELL VOLS PURGED (optional)			
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol Purged (15 Gals) circle one	pH (std)	Conductance (umhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)	
	<u>10/14/14 0815</u>	<u>855</u>	<u>115</u>	<u>6.85</u>	<u>131121</u>	<u>1617</u>	<u>111</u>	<u>100</u>	
	<u>10/14/14 0830</u>	<u>948</u>	<u>115</u>	<u>6.85</u>	<u>131070</u>	<u>1618</u>	<u>111</u>	<u>100</u>	
	<u>10/14/14 0835</u>	<u>952</u>	<u>1210</u>	<u>6.84</u>	<u>131057</u>	<u>1618</u>	<u>111</u>	<u>100</u>	
	<u>10/14/14 0840</u>	<u>958</u>	<u>1215</u>	<u>6.84</u>	<u>131057</u>	<u>1618</u>	<u>111</u>	<u>100</u>	
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
	Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).								
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (15 Gals)	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)	
	<u>10/14/14</u>	<u>0840</u>	<u>125</u>	<u>6.84</u>	<u>131057</u>	<u>1618</u>	<u>13611</u>	<u>100</u>	
circle one									
FIELD COMMENTS	Sample Appearance: <u>—</u>		Odor: <u>None</u>		Color: <u>Clear</u>		Other: <u>—</u>		
	Weather Conditions (at sample time): Wind Speed/Direction: <u>5-10/W</u>				Air Temp: <u>63°F</u>		Precipitation: <input checked="" type="checkbox"/> Y or N		
	Specific Comments (including purge/well volume calculations if required): <u>D.O. (mg/L): 0.32</u> <u>ORP (mV): 26.3</u>								
	<u>Samples Collected: DNP VOC's/Dissolved Metals, TOC, PCB's</u>								
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:									
Date: <u>10/14/14</u>	Name: <u>Nelson Novak</u>	Signature: <u>Nelson Novak</u>		Eagon & Associates, Inc. Company					

FIELD INFORMATION FORM													
Site Name: <u>CECOS - Aber Rd</u>			Sample Point: <u>MP-231AR</u>										
WELL DATA		Water-Level Date (MM DD YY)	<u>11/01/13/14</u>	Water-Level Time (2400 Hr. Clock)	<u>110559</u>	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.	<u>1F</u>	X = Other					
		Well Elevation (at TOC)	<u>911573</u> (ft/m)	Depth to Water (DTW) (from TOC)	<u>931</u> (ft)	Groundwater Elevation (site datum, from TOC)			<u>90642</u> (ft/m)				
		Total Well Depth (from TOC)	<u>306.0</u> (ft)	Water Column Height (well depth - DTW)	<u>212.9</u> (ft)	Casing ID	<u>104</u>	in)					
PURGE SAMPLE EQUIPMENT		Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	<u>0.458</u> or <input type="checkbox"/> μ (circle or fill in)						
		Purging Device	<u>C</u>	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Bailer E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	<u>B</u>	A-P1200M (495 ml) B-P110M (395 ml) C-P1150 (130 ml)	X-Other				
		Sampling Device	<u>C</u>			Tubing ID (Vol/Ft)	<u>B</u>	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft)	C-0.17 inch (4.5 ml/ft) X-Other				
		X-Other											
PURGE INFO		PURGE DATE (MM DD YY)	<u>11/01/14/14</u>	START PURGE TIME (2400 Hr. Clock)	<u>13:410</u>	ELAPSED HRS (hr:min)	<u>00:30</u>	WATER VOL (L; Gal) IN (PUMPING WELL CASING) circle one of each	<u>07</u>	ACTUAL VOL PURGED (Liter/Gallons) circle one	<u>1100</u>	PUMP TIRING: WELL VOLS PURGED (optional)	<u>1142</u>
		Time (2400 Hr Clock)	DTW (ft)	Vol Purged <u>1</u> Gals circle one	pH (std)	Conductance (microhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)				
STABILIZATION DATA		<u>113:410</u>	<u>18.98</u>		<u>7.42</u>	<u>1355.5</u>	<u>15.4</u>						
		<u>14:00</u>	<u>110013</u>	<u>180</u>	<u>7.42</u>	<u>1355.5</u>	<u>15.4</u>						<u>4000</u>
		<u>14:05</u>	<u>110010</u>	<u>190</u>	<u>7.40</u>	<u>1355.9</u>	<u>15.6</u>						<u>2100</u>
		<u>14:10</u>	<u>110014</u>	<u>110</u>	<u>7.42</u>	<u>1355.8</u>	<u>15.6</u>						<u>2100</u>
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).													
FIELD DATA		SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED <u>1</u> Gals circle one	pH (std)	CONDUCTANCE (microhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)				
		<u>11/01/14/14</u>	<u>14:16</u>	<u>105</u>	<u>7.42</u>	<u>1355.8</u>	<u>15.6</u>	<u>1714</u>	<u>2100</u>				
FIELD COMMENTS		Sample Appearance: <u>—</u> Odor: <u>None</u> Color: <u>Clear</u> Other: <u>—</u> Weather Conditions (at sample time): Wind Speed/Direction: <u>0-5 W</u> Air Temp: <u>60°F</u> Precipitation: <input checked="" type="checkbox"/> Y or N Specific Comments (including purge/well volume calculations if required): <u>D.O. (mg/L): 0.07</u> <u>ORP (mV): -1050</u>											
<u>Samples collected: DMP VOC's / Dissolved Metals, TOC, RC Rs</u>													
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:													
Date: <u>10/14/14</u>	Name: <u>Nelson Novak</u>	Signature: <u>Nelson Novak</u>	Eason & Associates, Inc. Company										

FIELD INFORMATION FORM

Site Name:		Sample Point:		MP-251A					
WELL DATA	Water-Level Date (MM DD YY)	10/13/14	Water-Level Time (2400 Hr. Clock)	10:16	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-S = 3-S well vols.				
	Well Elevation (at TOC)	911154 (ft/mel)	Depth to Water (DTW) (from TOC)	650 (ft)	Groundwater Elevation (site datum, from TOC) 90504 (ft/mel)				
	Total Well Depth (from TOC)	4040 (ft)	Water Column Height (well depth - DTW)	3390 (ft)	Casing ID 04 (in)				
	Purging and Sampling Equipment...Dedicated	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device <input checked="" type="checkbox"/> M or <input type="checkbox"/> N 1451 or <input type="checkbox"/> μ (circle or fill in)						
Purging Device <input checked="" type="checkbox"/> C	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Boiler E-Piston Pump F-Dipper/Bottle	Pump Type (Vol) <input checked="" type="checkbox"/> B	A-P1200M (493 ml) B-P1101M (395 ml) C-P1150 (130 ml) X-Other					
Sampling Device <input checked="" type="checkbox"/> C	X-Other	Tubing ID (Vol/Ft) <input checked="" type="checkbox"/> B	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) C-0.17 inch (4.5 ml/ft) X-Other						
PURGE SAMPLE EQUIPMENT		PURGE INFO							
PURGE DATE (MM DD YY)		START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hours:min)	WATER VOL (L/Gal) IN (PURGING WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters/Gallons) circle one				
10/14/14		14:23	0:35	108	100				
					125				
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L/Gals) circle one	pH (std)	Conductance (μmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)	
	14:25	628	810	7.86	1963	14.2	17+1	400	
	14:45	740	810	7.86	1963	14.4	17+1	400	
	14:50	738	910	7.84	1961	14.4	17+1	400	
	14:55	737	1010	7.83	1954	14.4	1390	200	
	15:10								
	15:15								
	15:20								
	15:25								
	15:30								
	15:35								
	15:40								
	15:45								
	15:50								
	15:55								
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional):									
FIELD DATA		SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (μmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
		10/14/14	14:55	100	7.80	1954	14.4	1390	200
FIELD COMMENTS		Comments: Samples Collected Dissolved Metals / VOC's, TOC, PCB's							
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:									
Date	Name	Signature		Eagon & Associates, Inc.					
10/14/14	Nelson Novak	Nelson Novak		Company					

FIELD INFORMATION FORM

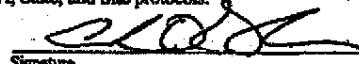
Site Name:		CECOS - Aber Rd		Sample Point:	MP-404				
WELL DATA	Water-Level Date (MM DD YY)	10/13/14	Water-Level Time (2400 Hr. Clock)	0926	Purge/Sample Method:	<input checked="" type="checkbox"/> DRY X = Other			
	Well Elevation (at TOC)	91275 (ft/m)	Depth to Water (DTW) (from TOC)	11632 (ft)	LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.				
	Total Well Depth (from TOC)	10100 (ft)	Water Column Height (well depth - DTW)	8468 (ft)	Groundwater Elevation (site datum, from TOC)	89643 (ft/m)			
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.45 μ or <input type="checkbox"/> μ (circle or fill in)				
	Purging Device	<input checked="" type="checkbox"/> C	A-Submersible Pump	<input type="checkbox"/> D-Bailer	A-P1200M (495 ml)	C-P1150 (130 ml)			
	Sampling Device	<input checked="" type="checkbox"/> C	B-Peristaltic Pump	<input type="checkbox"/> E-Piston Pump	B-P1101M (395 ml)	X-Other			
	X-Other		C-QED Bladder Pump	<input type="checkbox"/> F-Dipper/Bottle	A-3/8 inch (22 ml/l)	C-0.17 inch (4.5 ml/l)			
PURGE INFO	PURGE DATE (MM DD YY)	10/13/14	START PURGE TIME (2400 Hr. Clock)	1740	Pump Type (Vol)	<input checked="" type="checkbox"/> B	B-1/4 inch (10 ml/l)	X-Other	
					Tubing ID (Vol/Ft)	<input checked="" type="checkbox"/> B			
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L : Gals) circle one	pH (red)	Conductance (μ mhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)	
	1740	11632	1550	++	1752	13.9	409	110	
	1835	DRY	1550	++	1752	13.9	409	110	
	1540	14316	sample	7.28	1752	13.9	409	110	
Suggested range for 3 consecut. readings or Permit/State requirements may be entered in spaces provided above (optional).									
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L : Gals)	pH (red)	CONDUCTANCE (μ mhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)	
	10/14/14	1540	1550	7.28	1752	13.9	409	110	
circle one									
FIELD COMMENTS	Sample Appearance:	—	Odor:	None		Color:	Clear	Other:	—
	Weather Conditions (at sample time): Wind Speed/Direction:	5-10/W		Air Temp:	60°F		Precipitation:	<input checked="" type="checkbox"/> Y or N	
	Specific Comments (including purge/well volume calculations if required):	D.O. (mg/L): 0.10 ORP (mV): -110.9							
	Well Volume = $94.68 \times 0.163 - 13.9 \times 3.745 \text{ gal} = 52.7 \text{ L}$ Purged dry@ 55.0L, left to recover overnight								
Samples Collected: DMP VOC's/Diss. Metals, TOC, PCB's									
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:									
Date: 10/14/14	Name: Nelson Novak	Signature: 	Eagon & Associates, Inc.						
Company: Eagon & Associates, Inc.									

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point:

MP-227R

WELL DATA	Water-Level Date (MM DD YY)	110 13 14	Water-Level Time (2400 Hr. Clock)	10:53	Purge/Sample Method: LF X = Other LF = Low Flow P = Positive Dry = Dry 3-S = 3-S well vol.							
	Well Elevation (at TOC)	9 1 30 0	Depth to Water (DTW) (from TOC)	1692	Groundwater Elevation (site datum, from TOC)	89608						
	Total Well Depth (from TOC)	6870	Water Column Height (well depth - DTW)	5178	Casing ID (in)	04						
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.45 μ or <input type="checkbox"/> μ (circle or fill in)							
	Purging Device	<input checked="" type="checkbox"/> C	A-Submersible Pump	D-Bailer	A-P1200M (495 ml)							
	Sampling Device	<input checked="" type="checkbox"/> C	B-Peristaltic Pump	E-Piston Pump	B-P1101M (395 ml)							
	X-Other	—	C-QED Bladder Pump	F-Dipper/Bottle	X-Other							
PURGE INFO	PURGE DATE (MM DD YY)	10 14 1	START PURGE TIME (2400 Hr. Clock)	10:37	ELAPSED HRS (min:sec)	10:37	WATER VOL (L) GAIN IN (PUMP/TUBING/WELL/CASING) circle one of each	10	ACTUAL VOL PURGED (Liter: Gallons)	12.5	(PUMP/TUBING/WELL) VOL'S PURGED (optional)	12.5
					01:05							
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol <small>(L : Gall.)</small> circle one	pH (std)	Conductance (micros/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)				
	110:33	116518	100	7.1	11264	15.7	+++	200				
	110:37	117187	140	9.92	11264	15.7	+++	200*				
	110:57	11723	140	9.92	11264	15.7	+++	200				
	111:17	11796	180	9.10	11531	15.6	+++	200				
	111:32	11790	1105	8.65	11618.8	15.6	++	200				
	111:37	117187	1115	8.61	11618.2	15.7	++	200				
	111:42	117185	1125	8.55	11615.3	15.8	50.6	200				
	111:47	117185	1125	8.55	11615.3	15.8	50.6	200				
	111:52	117185	1125	8.55	11615.3	15.8	50.6	200				
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).												
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L : Gall.) circle one	pH (std)	CONDUCTANCE (micros/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)				
	110 14 14	11:42	12.5	8.55	11653	15.8	50.6	200				
FIELD COMMENTS	Sample Appearance: — Odor: None Color: clear / slightly cloudy Other: —											
	Weather Conditions (at sample time): Wind Speed/Direction: ~5-20 mph / E Air Temp: ~65 °F Precipitation: <input checked="" type="checkbox"/> Y or <input type="checkbox"/>											
	Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.34 mg/L ORP (mV): -29.3 mV											
	Samples Collected DMP Vces/Res. Metals, TOC/PCBs											
	Early purge cloudy ~ some white sediment. Slightly cloudy at sample time * - Pumping tube erratic											
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:												
Date	Name					Eagon & Associates, Inc. Company						

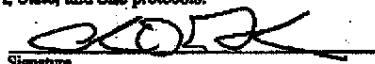
FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-22BAR

WELL DATA	Water-Level Date (MM DD YY)	<u>10/13/14</u>	Water-Level Time (2400 Hr. Clock)	<u>10:46</u>	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.	<u>LF</u>	X = Other	
	Well Elevation (at TOC)	<u>91164</u> (ft/msl)	Depth to Water (DTW) (from TOC)	<u>1580</u> (ft)	Groundwater Elevation (site datum, from TOC)	<u>89584</u> (ft/msl)		
	Total Well Depth (from TOC)	<u>4030</u> (ft)	Water Column Height (well depth - DTW)	<u>2450</u> (ft)	Casing ID	<u>04</u> (ft)		
	Purging and Sampling Equipment...Dedicated PURGE SAMPLE EQUIPMENT			<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	<input checked="" type="checkbox"/> 45L or <input type="checkbox"/> 1L (circle or fill in)		
Purging Device	<input checked="" type="checkbox"/> C	A-Submersible Pump B-Peristaltic Pump Sampling Device	<input checked="" type="checkbox"/> C	D-Boiler E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	<input checked="" type="checkbox"/> B	A-P1200M (495 ml) B-P1101M (395 ml) A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft)	C-P1150 (130 ml) X-Other C-0.17 inch (4.5 ml/ft) X-Other
X-Other	<u>—</u>		Tubing ID (Vol/ft)	<u>B</u>				
PURGE INFO	<u>10/14/14</u> (MM DD YY)	<u>13:10</u> START PURGE TIME (2400 Hr. Clock)	<u>025</u> ELAPSED HRS (hrs:min)	<u>08</u> WATER VOL (L/Gal) IN TUBING/WELL/CASING circle one of each	<u>100</u> ACTUAL VOL PURGED (Liters/Gallons) circle one	<u>125</u> PUMP/TUBING/WELL VOL PURGED (optional)		
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Purged (L/Gals) circle one	pH (std)	Conductance (microhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
	<u>13:10:00</u>	<u>1542</u>	<u>1010</u>	<u>7.0</u>	<u>1177.9</u>	<u>15.8</u>	<u>11</u>	<u>400</u>
	<u>13:11:00</u>	<u>1542</u>	<u>1010</u>	<u>7.0</u>	<u>1177.9</u>	<u>15.8</u>	<u>11</u>	<u>400</u>
	<u>13:12:00</u>	<u>1546</u>	<u>140</u>	<u>7.019</u>	<u>1177.9</u>	<u>14.2</u>	<u>11</u>	<u>400</u>
	<u>13:12:50</u>	<u>1544</u>	<u>160</u>	<u>7.112</u>	<u>1175.0</u>	<u>14.2</u>	<u>11</u>	<u>400</u>
	<u>13:13:00</u>	<u>1544</u>	<u>180</u>	<u>7.110</u>	<u>1174.1</u>	<u>14.4</u>	<u>11</u>	<u>400</u>
	<u>13:13:50</u>	<u>1544</u>	<u>1010</u>	<u>7.019</u>	<u>1173.0</u>	<u>14.5</u>	<u>13.23</u>	<u>400</u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).								
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals) circle one	pH (std)	CONDUCTANCE (microhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
	<u>10/14/14</u>	<u>13:35</u>	<u>100</u>	<u>7.09</u>	<u>1173.0</u>	<u>14.5</u>	<u>13.23</u>	<u>400</u>
FIELD COMMENTS	Sample Appearance: <u>—</u> Odor: <u>None</u> Color: <u>Clear</u> Other: <u>—</u>							
	Weather Conditions (at sample time): Wind Speed/Direction: <u>~10-20 mph SW</u> Air Temp: <u>~25°F</u> Precipitation: <u>0" N</u>							
	Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): <u>0.18 mg/L</u> ORP (mV): <u>+11.1 mV</u>							
	<u>Samples Collected:</u> <u>DMP VOCs / Diss Metals, TOC / PCBs</u>							
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	Name	<u>10/14/14</u>		<u>Andrew Graham</u>	<u>O/A</u>	<u>Eagon & Associates, Inc.</u> Company		

FIELD INFORMATION FORM

Site Name:	CECOS - Aber Rd				Sample Point:	DUPLICATE-DMP#1		
WELL DATA	Water-Level Date		Water-Level Time		Purge/Sample Method		X = Other L = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.	
	(MM DD YY)		(2400 Hz Clock)		L = Low Flow P = Passive			
	Well Elevation (at TOC)		Depth to Water (DTW) (from TOC)		Groundwater Elevation (site datum, from TOC)		(ft) (ft/mal)	
PURGE SAMPLE EQUIPMENT	Total Well Depth (from TOC)		Water Column Height (well depth - DTW)		Casing ID		(in)	
	(ft)		(ft)		(in)			
	Purging and Sampling Equipment..Dedicated		Y or N		Filter Device		Y or N	
	Purging Device		A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump		D-Bailer E-Piston Pump F-Dipper/Bottle		Pump Type (Vol)	
Sampling Device		A-P12004 (495 ml) B-P1101M (395 ml)		A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft)		C-P1150 (130 ml) X-Other		
X-Other								
PURGE INFO	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hz Clock)	ELAPSED HRS (hrs:min)	WATER VOL(L:Gal) IN (PUMP/TUBING:WELL CASING)	ACTUAL VOL PURGED (Liters:Gallons)	(PUMP/TUBING:WELL VOLS PURGED (optional)		
	Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
	Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).							
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hz Clock)	VOL PURGED (L:Gal)	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
	10/14/14	13:35	1100	7.09	11730	14.5	270	400
circle one								
FIELD COMMENTS	Sample Appearance: — Odor: None Color: Clear Other: —							
	Weather Conditions (at sample time): Wind Speed/Direction: ~10-20 mph / SW Air Temp: ~65°F Precipitation: Y or N							
	Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.18 mg/l ORP (mV): +11.1 mV							
	Samples Collected: DMP VOCs/Diss Metals, TOC/PCBs							
	DUPLICATE BY COUNTAINER SAMPLE COLLECTED FROM WELL MP-228AR							
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	Name	Signature						Eagon & Associates, Inc. Company
10/14/14	Andrew Graham							

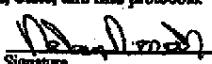
FIELD INFORMATION FORM

Site Name:	CECOS - Aber Rd			Sample Point:	MP - 230A				
WELL DATA	Water-Level Date (MM DD YY)	10/13/14	Water-Level Time (2400 Hr Clock)	10:39	Purge/Sample Method:	LF	X = Other LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vol.		
	Well Elevation (at TOC)	90875 (ft/msl)	Depth to Water (DTW) (from TOC)	1448 (ft)	Groundwater Elevation (site datum, from TOC)	89427 (ft/msl)			
	Total Well Depth (from TOC)	3040 (ft)	Water Column Height (well depth - DTW)	1592 (ft)	Casing ID	04 (ft)			
	Purging and Sampling Equipment...Dedicated	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.45L	or	—	μ (circle or fill in)	
Purging Device	<input checked="" type="checkbox"/> C	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Baller E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	<input checked="" type="checkbox"/> B	A-P1200M (495 ml) B-P1101M (395 ml) C-P1150 (130 ml) X-Other			
Sampling Device	<input checked="" type="checkbox"/> C			Tubing ID (Vol/Ft)	<input checked="" type="checkbox"/> B	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) C-0.17 inch (4.5 ml/ft) X-Other			
X-Other	<input type="checkbox"/>								
PURGE SAMPLE EQUIPMENT INFO	PURGE DATE (MM DD YY)	10/14/14	START PURGE TIME (2400 Hr Clock)	14:26	ELAPSED HRS (hrs:min)	0:50	WATER VOL (L GALL) IN (PUMP/TUBING/WELL GAGING) circle one of each	ACTUAL VOL PURGED (Liters/Gallons)	PUMP/TUBING/WELL VOLS PURGED (optional)
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Purged (L: Gall) circle one	pH (std)	Conductance (microhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)	
	14:21	11433							
	14:26	SIT A RT	100	7	11137	1510	+++	400	
	14:41	11640	160	730	11137	1510	---	200	
	14:51	11620	180	720	11331	1512	++	11	
	15:01	11604	110	7116	11429	152	++	11	
	15:06	11596	1110	7115	11442	152	---	11	
	15:11	115B8	1120	7115	11460	1511	++	11	
	15:16	11584	1130	7115	11471	1511	1259	N	
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).									
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr Clock)	VOL-PURGED (L: Gall) circle one	pH (std)	CONDUCTANCE (microhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)	
	10/14/14	15:16	130	715	11471	1511	1259	200	
Sample Appearance: — Odor: stale Color: clear Other: —									
Weather Conditions (at sample time): Wind Speed/Direction: ~5-15 mph SW Air Temp: ~60°F Precipitation: <input checked="" type="checkbox"/> N									
Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.09 ORP (mV): -60.1 Ants in initial purge water									
FIELD COMMENTS	Samples Collected: DMP VOCs/Diss. metals, TOC /PCBs								
	I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	10/14/14			Name	Andrew Graham				
				Signature					
				Eagon & Associates, Inc. Company					

FIELD INFORMATION FORM

Site Name:		CECOS - Aber Rd		Sample Point:		MP-232A			
WELL DATA	Water-Level Date	10/13/14 (MM DD YY)	Water-Level Time	10:30 (2400 Hz Clock)	Purge/Sample Method:	LF	X = Other LF = Low Flow P = Passive Dry = Dry 3-S = 3-S well vols.		
	Well Elevation (at TOC)	909.75 (ft/m)	Depth to Water (DTW) (from TOC)	159.9 (ft)	Groundwater Elevation (site datum, from TOC)	1893.76 (ft/m)			
	Total Well Depth (from TOC)	357.0 (ft)	Water Column Height (well depth - DTW)	197.1 (ft)	Casing ID	D4 (ft)			
	Purging and Sampling Equipment...Dedicated	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.45SD	<input type="checkbox"/> —	μ (circle or fill in)		
Purging Device	<input checked="" type="checkbox"/> C	A-Submersible Pump	<input type="checkbox"/>	A-P1200M (495 ml)	<input type="checkbox"/>	C-P1150 (130 ml)			
Sampling Device	<input checked="" type="checkbox"/> C	B-Peristaltic Pump	<input type="checkbox"/>	B-P1101M (395 ml)	<input type="checkbox"/>	X-Other			
C-QED Bladder Pump	<input type="checkbox"/>	E-Piston Pump	<input type="checkbox"/>	A-3/8 inch (22 ml/ft)	<input type="checkbox"/>	C-0.17 inch (4.5 ml/ft)			
F-Dipper/Bottle	<input type="checkbox"/>	P-Tubing ID (Vol/Ft)	<input checked="" type="checkbox"/> B	B-1/4 inch (10 ml/ft)	<input type="checkbox"/>	X-Other			
X-Other	<input type="checkbox"/>								
PURGE SAMPLE EQUIPMENT INFO	PURGE DATE (MM DD YY)	10/14/14	START PURGE TIME (2400 Hz Clock)	15:42	ELAPSED HRS (hr:min)	10:20	WATER VOL (L, GALS) IN (PURGE/TUBING/WELL/GASING) circle one of each	ACTUAL VOL PURGED (Liter, Gallons)	PUMP/TUBING/WELL VOLS PURGED (optional)
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L, Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)	
	1151319	1151718	10.0	7.0	1181510	14.6	13.26	40.0	
	115142	1151421	14.0	7.016	1181417	14.5	13.26	40.0	
	115152	1151616	16.0	7.015	1181415	14.5	13.26	40.0	
	115157	1151615	18.0	7.014	1181415	14.5	13.26	40.0	
	116102	1151615	18.0	7.014	1181415	14.5	13.26	40.0	
	1111	1111	1111	1111	1111	1111	1111	1111	
	1111	1111	1111	1111	1111	1111	1111	1111	
	1111	1111	1111	1111	1111	1111	1111	1111	
	1111	1111	1111	1111	1111	1111	1111	1111	
	1111	1111	1111	1111	1111	1111	1111	1111	
	1111	1111	1111	1111	1111	1111	1111	1111	
	1111	1111	1111	1111	1111	1111	1111	1111	
	1111	1111	1111	1111	1111	1111	1111	1111	
	1111	1111	1111	1111	1111	1111	1111	1111	
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).									
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hz Clock)	VOL PURGED (L, Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)	
	10/14/14	1602	80	7.04	11845	14.5	13.26	40.0	
FIELD COMMENTS	Sample Appearance: — Odor: None Color: Clear Other: —								
	Weather Conditions (at sample time): Wind Speed/Direction: ~5-15 mph / SW Air Temp: ~60°F Precipitation: <input checked="" type="checkbox"/> N								
	Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.05 ORP (mV): -29.8								
	Samples Collected: DMP VOCs/0 ₂ 5 metals, TOC/PCBs								
	I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	10/14/14	Name	Andrew Graham	Signature	Eagon & Associates, Inc.				
Company									

FIELD INFORMATION FORM

Site Name:	CECOS - Aber Rd		Sample Point:	MP-21BR								
WELL DATA	Water-Level Date (MM DD YY)	10/13/14	Water-Level Time (2400 Hr. Clock)	1009	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.							
	Well Elevation (at TOC)	191109 (ft/m)	Depth to Water (DTW) (from TOC)	1542 (ft/m)	Groundwater Elevation (site datum, from TOC) 1910263 (m/m)							
	Total Well Depth (from TOC)	13290 (ft)	Water Column Height (well depth - DTW)	2444 (ft)	Casing ID 104 (ft)							
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.450 or _____ μ (circle or fill in)							
	Purging Device <input checked="" type="checkbox"/> C	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Bailer E-Piston Pump F-Dipper/Bottle	Pump Type (Vol) <input checked="" type="checkbox"/> D	A-P1200M (495 ml) B-P1101M (395 ml) X-Other							
	Sampling Device <input checked="" type="checkbox"/> C			Tabing ID (Vol/Ft) <input checked="" type="checkbox"/> B	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) X-Other							
	X-Other											
PURGE INFO	PURGE DATE (MM DD YY)	10/13/14	START PURGE TIME (2400 Hr. Clock)	14315	ELAPSED HRS (min:min)	6625	WATER VOL (1) (Gal) IN (PUMP/TUBING/WELL/CASING) circle one of each	107	ACTUAL VOL PURGED (¹ Gal/Gallons)	58	(PUMP/TUBING/WELL) VOL'S PURGED (optional)	711
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol (Purged) (2): Gals circle one	pH (std)	Conductance (μ mhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)				
	14315	18140	130	707	19212	156	++	200				
	14510	9140	130	707	19212	156	++	200				
	14515	91514	140	708	1933	156	++	200				
	15010	9150	150	708	19310	156	++	200				
	111	111	111	111	111	111	111	111				
	111	111	111	111	111	111	111	111				
	111	111	111	111	111	111	111	111				
	111	111	111	111	111	111	111	111				
	111	111	111	111	111	111	111	111				
	111	111	111	111	111	111	111	111				
	111	111	111	111	111	111	111	111				
	111	111	111	111	111	111	111	111				
	111	111	111	111	111	111	111	111				
	111	111	111	111	111	111	111	111				
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).												
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (1: Gals)	pH (std)	CONDUCTANCE (μ mhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)				
	10/13/14	1550	150	708	1930	156	858	600				
circle one												
FIELD COMMENTS	Sample Appearance: —		Odor: None		Color: Clear		Other: —					
	Weather Conditions (at sample time): Wind Speed/Direction: G-S/W				Air Temp: 75°F		Precipitation: Y or N					
	Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.58 ORP (mV): 43.7											
	Samples Collected: DMP VOC's / Dissolved Metals, TOC, PR, BZ,											
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:												
Date: 10/13/14	Name: Nelson Novak	Signature: 		Eason & Associates, Inc.		Company:						

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-438

WELL DATA	Water-Level Date (MM DD YY)	10/13/14	Water-Level Time (2400 Hr Clock)	10:18:54	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.	LF	X = Other		
	Well Elevation (at TOC)	91641 (ft/msl)	Depth to Water (DTW) (from TOC)	2323 (ft)	Groundwater Elevation (site datum, from TOC)	89318 (ft/msl)			
	Total Well Depth (from TOC)	111500 (ft)	Water Column Height (well depth - DTW)	9177 (ft)	Casing ID	02 (in)			
	Purging and Sampling Equipment...Dedicated	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Q45L or <input type="checkbox"/> — μ (circle or fill in)				
Purging Device	<input checked="" type="checkbox"/> C	A-Submersible Pump B-Peristaltic Pump Sampling Device	<input checked="" type="checkbox"/> C	D-Bailey E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	<input checked="" type="checkbox"/> D	A-P1200M (495 ml) B-P1101M (395 ml) X-Other		
X-Other	—	Tubing ID (Vol/Ft)	<input checked="" type="checkbox"/> B				A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) X-Other		
PURGE INFO	10/13/14	09150	00340	115	1130	867	(PUMP/TUBING/WELL) VOL'S PURGED (optional)		
	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L) Gals IN (TUBING/PUMP/WELL CASING) CIRCLE ONE OF EACH	ACTUAL VOL PURGED (Liter Gallons)				
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol. <input checked="" type="checkbox"/> Gals circle one	pH (std)	Conductance (umhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)	
	09:10	121298	11010	7.24	138.46	16.7	111	400	
	09:135	121979	11010	7.24	138.10	15.6	111	200	
	09:1410	1219617	11110	7.24	137.97	15.6	111	200	
	09:145	1219611	11210	7.22	137.815	15.6	111	200	
	09:150	1219166	11310	7.21	137.815	15.6	111	200	
	111	11111	11111	111	11111	111	111	11	
	111	11111	11111	111	11111	111	111	11	
	111	11111	11111	111	11111	111	111	11	
	111	11111	11111	111	11111	111	111	11	
	111	11111	11111	111	11111	111	111	11	
	111	11111	11111	111	11111	111	111	11	
	111	11111	11111	111	11111	111	111	11	
	111	11111	11111	111	11111	111	111	11	
	111	11111	11111	111	11111	111	111	11	
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).									
FIELD DATA		SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr Clock)	VOL PURGED (L: Gals)	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
		10/14/14	09150	1130	7.21	137.815	15.6	19.49	200
		circle one							
FIELD COMMENTS		Sample Appearance: — Odor: None Color: Clear Other: —							
		Weather Conditions (at sample time): Wind Speed/Direction: 5-10 W Air Temp: 60° Precipitation: <input checked="" type="checkbox"/> or N							
		Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.01 ORP (mV): -131.3							
<p>Sample water effervescent</p> <p>Samples Collected: DMP VOC's / Dissolved Metals, Toc, PCB's</p>									
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:									
Date	Name	Signature		Eason & Associates, Inc. Company					

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-206AR

FIELD INFORMATION FORM								
Site Name: CECOS - Aber Rd				Sample Point: MP-206AR				
WELL DATA	Water-Level Date (MM DD YY)	11/13/14	Water-Level Time (2400 Hr. Clock)	11028	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.	LF	X = Other	
	Well Elevation (at TOC)	911673 (ft/m)	Depth to Water (DTW) (from TOC)	11136 (ft)	Groundwater Elevation (site datum, from TOC)	910537 (ft/m)		
	Total Well Depth (from TOC)	2990 (ft)	Water Column Height (well depth - DTW)	11854 (ft)	Casing ID	B4 (in)		
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.45L or <input type="checkbox"/> μ (circle or fill in)		
	Purging Device	C	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Bailer E-Piston Pump F-Dipper/Bottle	Pump Type (Vol):	LB	A-P1200M (495 ml) B-P1101M (395 ml) X-Other	
	Sampling Device	C			Tubing ID (Vol/Ft)	LB	A-3/8 inch (.22 ml/ft) B-1/4 inch (.10 ml/ft) X-Other	
	X-Other							
PURGE INFO	PURGE DATE (MM DD YY)	11/14/14	START PURGE TIME (2400 Hr. Clock)	16110	ELAPSED HRS (hrs:min)	0028	WATER VOL (L Gal) IN (PURGING: WELL CASING) circle one of each	
							ACTUAL VOL PURGED (Ltrs: Gallons) circle one	
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol <input checked="" type="checkbox"/> Gals circle one	pH (std)	Conductance (μmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
	116110	111111	130	6.70	13330	14.6	++	300
	116120	111215	130	6.70	13330	14.6	++	300
	116125	111248	145	6.70	13327	14.6	++	300
	116130	111312	160	6.69	13321	14.6	++	300
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).								
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L Gal) circle one	pH (std)	CONDUCTANCE (μmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
	11/14/14	1636	60	6.69	13331	14.6	566	300
Sample Appearance: — Odor: None Color: Clear Other: —								
Weather Conditions (at sample time): Wind Speed/Direction: 0-S/W Air Temp: 60° Precipitation: <input checked="" type="checkbox"/> Y or N								
Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.08 ORP (mV): 9.2								
FIELD COMMENTS Samples Collected: DMP VOC's, Dissolved Metals, Toc, PCB's								
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	Name	Signature				Eagon & Associates, Inc. Company		

FIELD INFORMATION FORM

Site Name:		Sample Point:										
CECOS - Aber Rd		MP-277A										
WELL DATA	Water-Level Date (MM DD YY)	10/13/14	Water-Level Time (2400 Hr. Clock)	10:37	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vol.							
	Well Elevation (at TOC)	91524 (ft/msl)	Depth to Water (DTW) (from TOC)	994 (ft)	Groundwater Elevation (site datum, from TOC)	90530 (ft/msl)						
	Total Well Depth (from TOC)	4730 (ft)	Water Column Height (well depth - DTW)	3736 (ft)	Casing ID	104 (in)						
	Purging and Sampling Equipment...Dedicated	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.450	μ. (circle or fill in)						
Purging Device	L.C.	A-Submersible Pump	A-P1200M (493 ml)									
Sampling Device	C	B-Peristaltic Pump	B-P110IM (395 ml)									
X-Other		C-QED Bladder Pump	D-Bailer	C-P1150 (130 ml)								
			E-Piston Pump	X-Other								
			F-Dipper/Bottle	A-3/8 inch (22 ml/lb)								
			G-Tubing	B-1/4 inch (10 ml/lb)								
			H-Casing	C-0.17 inch (4.5 ml/lb)								
			I-Well	X-Other								
PURGE SAMPLE EQUIPMENT	Purge Date (MM DD YY)	10/14/14	Start Purge Time (2400 Hr. Clock)	1650	Elapsed Hrs (hrs:min)	08	Water Vol (L:Gal) In (Purge tubing: Well Casing)	108	Actual Vol Purged (Ltrs: Gallons)	108	(Purge tubing: Well) Vols Purged (optional)	137
	Purge Vol (L:Gal)	108	Purge Vol (L:Gal)	108	Circle one of each							
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Purged Vol (Ltrs: Gal)	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)				
	1650	970	108	6.93	1822	14.1	+++	400				
	17:10	1178	108	6.95	1767	14.3	+++	200				
	17:15	1175	108	6.99	1753	14.3	+++	200				
	17:20	1172	108	7.02	17216	14.3	+++	200				
	17:25	1170	108	7.02	17216	14.3	+++	200				
	18:1											
	18:1											
	18:1											
	18:1											
	18:1											
	18:1											
	18:1											
	18:1											
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).												
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (Ltrs: Gal)	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)				
	10/14/14	1725	108	7.02	17216	14.3	715	200				
circle one												
Sample Appearance: — Odor: None Color: Clear Other: —												
Weather Conditions (at sample time): Wind Speed/Direction: 0-SW Air Temp: 60° Precipitation: <input checked="" type="checkbox"/> Yes No												
Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 6.0 ORP (mV): -108.4												
FIELD COMMENTS												
Samples collected: DMP VOC's / Dissolved Metals, TDS, PCB's												
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:												
Date	Name	Signature	Company									
10/14/14	Nelson Novak	John Novak	Eagon & Associates, Inc.									

FIELD INFORMATION FORM

Site Name:		CECOS - Aber Rd		Sample Point:	MP-279				
WELL DATA	Water-Level Date (MM DD YY)	10/13/14	Water-Level Time (2400 Hr. Clock)	0955	Purge/Sample Method:	LF X = Other LF = Low Flow P = Passive Dry = Dry 3-S = 3-S well vols.			
	Well Elevation (at TOC)	911036 (ft/msl)	Depth to Water (DTW) (from TOC)	1041 (ft)	Groundwater Elevation (site datum, from TOC)	89997.5 (ft/msl)			
	Total Well Depth (from TOC)	10260 (ft)	Water Column Height (well depth - DTW)	9219 (ft)	Casing ID	D2 (in)			
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.450 or <input type="checkbox"/> μ (circle or fill in)			
	Purging Device	C	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Bailer E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	A-P1200M (495 ml) B-P1101M (395 ml) C-P1150 (130 ml) X-Other			
	Sampling Device	C			Tubing ID (Vol/Ft)	B A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) X-Other			
	X-Other								
PURGE INFO	10/14/14	11750	01020	11113	160	46			
	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hr:min)	WATER VOL (1: Gal) IN (TUBING, WELL, CASING) <i>(circle one of each)</i>	ACTUAL VOL PURGED (1: Gallons) <i>(circle one)</i>	(PURGE/TUBING:WELL) VOLS PURGED (optional)			
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	VOL (1: Gal) <i>(circle one)</i>	pH (std)	Conductance (umhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)	
	11750	11035	140	706	17852	14.7	1+1	400	
	118010	11038	150	705	17852	14.6	1+1	200	
	118015	11252	150	705	17852	14.6	1+1	200	
	118110	112417	160	705	17857	14.8	1+2	200	
	Suggested range for 3 consecut. readings or Permit/State requirements may be entered in spaces provided above (optional).								
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (1: Gal) <i>(circle one)</i>	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)	
	10/14/14	11910	160	1705	17857	14.8	1422	200	
FIELD COMMENTS	Sample Appearance:		—	Odor:	None	Color:	Clear	Other:	—
	Weather Conditions (at sample time): Wind Speed/Direction:		O-S/W	Air Temp:	60°F	Precipitation:	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N		
	Specific Comments (including purge/well volume calculations if required):		D.O. (mg/l): 0.03 ORP (mV): -76.3						
	<i>Samples Collected: DMP/Vocs/Dissolved Metals, TOC, PCB's</i>								
	I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	Name	Nelson Novak	Signature	Eagon & Associates, Inc.					

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-244R

WELL DATA																	
Water-Level Date (MM DD YY)				Water-Level Time (2400 Hr Clock)				Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3.5 = 3.5 well vol.									
Well Elevation (at TOC) 90973 (ft/m)				Depth to Water (DTW) (from TOC) 1282 (ft)				Groundwater Elevation (site datum, from TOC) 89691 (ft/m)									
Total Well Depth (from TOC) 6720 (ft)				Water Column Height (well depth - DTW) 5438 (ft)				Casing ID 04 (in)									
PURGE SAMPLE EQUIPMENT																	
Purging and Sampling Equipment...Dedicated				<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N				Filter Device <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N 0.45 μ or <input type="checkbox"/> μ (circle or fill in)									
Purging Device <input checked="" type="checkbox"/> C				A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump				D-Boiler E-Piston Pump F-Dipper/Bottle									
Sampling Device <input checked="" type="checkbox"/> C				Pump Type (Vol) <input checked="" type="checkbox"/> B				A-P1200M (495 ml) B-P1101M (395 ml) X-Other									
X-Other				Tubing ID (Vol/Ft) <input checked="" type="checkbox"/> B				A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) C-0.17 inch (4.5 ml/ft) X-Other									
PURGE INFO																	
PURGE DATE (MM DD YY) 10/14/14			START PURGE TIME (2400 Hr Clock) 1410			ELAPSED HRS (hrs:min) 03:56			WATER VOL (C Gal) IN (PURGE TUBING, WELL CASING) <small>circle one of each</small>			ACTUAL VOL PURGED (Ltrs: Gallons) <small>circle one</small>			(PUMP/TUBING/WELL) VOLS PURGED (optional)		
STABILIZATION DATA																	
Time (2400 Hr Clock)	DTW (ft)	Vol Purged (<input checked="" type="checkbox"/> Ltrs Gals) <small>circle one</small>	pH (std)	Conductance (mhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)										
1141018	11272																
1141110	SITIA RT	1100					4010										
1141310	114211	1180	7.38	1114140	11419	1++1	21010										
1141315	114210	1190	7.1410	1114150	11514	1++1	21010										
1141410	114115	11100	7.319	11141712	11515	1++1	21010										
1141415	114113	11110	7.317	11141913	11514	1101616	21010										
1141416																	
1141417																	
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1141445																	
FIELD DATA																	
SAMPLE DATE (MM DD YY) 10/14/14		SAMPLE TIME (2400 Hr Clock) 1445		VOL PURGED (<input checked="" type="checkbox"/> Ltrs Gals) <small>circle one</small>		pH (std)		CONDUCTANCE (mhos/cm)		TEMP (°C)		TURBIDITY (ntu)		RATE (ml/min)			
FIELD COMMENTS																	
Sample Appearance: — Odor: none Color: clear Other: — Weather Conditions (at sample time): Wind Speed/Direction: calm Air Temp: ~65°F Precipitation: <input checked="" type="checkbox"/> or N Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.13 ORP (mV): -79.4																	
Samples collected: DMP, VOCs, Diss. Methyls, TOC, PCBs.																	
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols: Date 10/14/14 Name Chris Gordon Signature Chas Gehr Company Eagon & Associates, Inc.																	

FIELD INFORMATION FORM

Site Name: <u>CECOS - Aber Rd</u>		Sample Point: <u>MP-244AARR</u>									
WELL DATA	Water-Level Date (MM DD YY)	<u>110 13 14</u>	Water-Level Time (2400 Hr. Clock)	<u>11:25</u>	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.						
	Well Elevation (at TOC)	<u>90982</u> (ft/msl)	Depth to Water (DTW) (from TOC)	<u>1511</u> (ft)	Groundwater Elevation (site datum, from TOC)	<u>89471</u> (ft/msl)					
	Total Well Depth (from TOC)	<u>2780</u> (m)	Water Column Height (well depth - DTW)	<u>1269</u> (m)	Casing ID	<u>04</u> (ft)					
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	<u>0.45</u> or <input type="checkbox"/> μ (circle or fill in)					
	Purging Device	<u>C</u>	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Bailer E-Piston Pump F-Dipper/Bottle	Pump Type (Vol.)	<u>B</u>	A-P1200M (495 ml) B-P1101M (395 ml) X-Other				
	Sampling Device	<u>C</u>			Tubing ID (Vol/ft)	<u>B</u>	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) X-Other				
	X-Other										
PURGE INFO	PURGE DATE (MM DD YY)	<u>110 14 14</u>	START PURGE TIME (2400 Hr. Clock)	<u>1506</u>	ELAPSED HRS (hr:min)	<u>0:20</u>	WATER VOL (L) IN (PUMP/TUBING/WELL/CASING)	<u>06</u>	ACTUAL VOL PURGED (Liter Gallons)	<u>80</u>	PUMP/TUBING/WELL VOLS PURGED (optional)
							circle one of each		circle one		
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L Gals) circle one	pH (std)	Conductance (μ mhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)			
	<u>115104</u>	<u>114173</u>									
	<u>115106</u>	<u>SAT 101T</u>	<u>1010</u>	<u>7.01</u>	<u>114103</u>	<u>11511</u>	<u>1++1</u>	<u>41010</u>			
	<u>115116</u>	<u>1151312</u>	<u>1410</u>	<u>7.012</u>	<u>114103</u>	<u>11511</u>	<u>1++1</u>	<u>41010</u>			
	<u>115121</u>	<u>1151410</u>	<u>1610</u>	<u>7.011</u>	<u>114104</u>	<u>11511</u>	<u>1++1</u>	<u>41010</u>			
	<u>115126</u>	<u>1151415</u>	<u>1810</u>	<u>6.918</u>	<u>114103</u>	<u>11511</u>	<u>1161916</u>	<u>41010</u>			
Suggested range for 3 consecutive readings or Permit/State requirements may be entered in spaces provided above (optional).											
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gal)	pH (std)	CONDUCTANCE (μ mhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)			
	<u>110 14 14</u>	<u>15126</u>	<u>80</u>	<u>6.98</u>	<u>11403</u>	<u>151</u>	<u>11.96</u>	<u>41010</u>			
circle one											
FIELD COMMENTS	Sample Appearance:		Odor:	none	Color:	clear	Other:				
	Weather Conditions (at sample time): Wind Speed/Direction:		<u>0-5 mph SW</u>		Air Temp:	<u>~45°F</u>	Precipitation:	<u>0</u> or N.			
	Specific Comments (including purge/well volume calculations if required): <u>D.O. (mg/L): 0.06</u> <u>ORP (mV): -86.9</u>										
	Samples Collected: VOCs, Dissolved Metals, TOC, PCBs.										
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:											
Date: <u>10/14/14</u>	Name: <u>Chris Gordon</u>	Signature: <u>Chris Gordon</u>		Company: <u>Eason & Associates, Inc.</u>							

FIELD INFORMATION FORM

Site Name:		Sample Point:						
CECOS - Aber Rd		MP-250						
WELL DATA	Water-Level Date (MM DD YY)	110 13 14	Water-Level Time (2400 Hr. Clock)	11:31	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.			
	Well Elevation (at TOC)	91007 (ft/m)	Depth to Water (DTW) (from TOC)	1284 (ft)	Groundwater Elevation (site datum, from TOC)	89723 (ft/m)		
	Total Well Depth (from TOC)	5790 (ft)	Water Column Height (well depth - DTW)	4506 (ft)	Casing ID	04 (in)		
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.45L or <input type="checkbox"/> µ (circle or fill in)			
	Purging Device	C	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Boiler E-Piston Pump F-Dipper/Bottle	Pump Type (Vol) <input checked="" type="checkbox"/> B	A-P1200M (493 ml) B-P110JM (395 ml) X-Other		
	Sampling Device	C			Tubing ID (Vol/Pt) <input checked="" type="checkbox"/> B	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) C-0.17 inch (4.5 ml/ft) X-Other		
	X-Other							
	PURGE INFO	110 13 14 (15)	15:53	10:26	09	70	7.77	
	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L Gal) IN (PUMP/TUBING/WELL CASING) <small>circle one of each</small>	ACTUAL VOL PURGED (Ltrs; Gallons) <small>circle one</small>	(PUMP/TUBING/WELL) VOLS PURGED <small>(optional)</small>		
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L Gals) <small>circle one</small>	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
	115:51:2	1112 715						
	115:51:3	SITIAIRIT	1100	7	+++	7	++	40.0
	116:01:3	1113 14 16	1140	7.210	1101218	114.12	+++	30.0
	116:01:8	1113 17 12	1155	7.211	1101215	114.13	+++	30.0
	116:11:3	1113 17 17	1170	7.211	1101213	114.14	++	30.0
Suggested range for 3 consecutive readings or Permit/State requirements may be entered in spaces provided above (optional).								
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L Gal) <small>circle one</small>	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
	110 14 14	16:13	20	7.21	110 23	14.4	116	30.0
FIELD COMMENTS	Sample Appearance: — Odor: none Color: clear Other: — Weather Conditions (at sample time): Wind Speed/Direction: calm Air Temp: ~68°F Precipitation: <input checked="" type="checkbox"/> Yes Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.15 ORP (mV): -11.6							
	Samples collected: VOCs, Diss. Metals, TOC, PCBs							
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols.								
Date	Name	Signature		Eagon & Associates, Inc. Company				
115 14 14	Chris Gurdon	Chris Gurdon						

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample
Pofet: MP-250A

WELL DATA	Water-Level Date (MM DD YY)	1101314	Water-Level Time (2400 Hr. Clock)	1128	Purge/Sample Method:	LF	X = Other		
	Well Elevation (at TOC)	91024	Depth to Water (DTW) (from TOC)	11195	LF - Low Flow P = Passive Dry = Dry	3-5 = 3-5 well vols.			
	Total Well Depth (from TOC)	4040	Water Column Height (well depth - DTW)	2845					
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	<input type="checkbox"/> 0.43 or <input type="checkbox"/> 1 μ (circle or fill in)			
	Purging Device	C	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Bailer E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	B	A-P1200M (495 ml) B-P1101M (395 ml)	C-P1150 (130 ml) X-Other	
	Sampling Device	C			Tubing ID (Vol/Ft)	B	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft)	C-0.17 inch (4.5 ml/ft) X-Other	
	X-Other								
PURGE INFO	1101414	1634	ELAPSED HRS (hrs:min)	1d20	WATER VOL (L) (Gal) IN (PUMP/TUBING/WELL CASING) Circle one of each	1d8	ACTUAL VOL PURGED (Liters/Gallons) Circle one	80	(PUMP/TUBING/WELL) VOL PURGED (optional)
	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)							
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L) Gals Circle one	pH (std)	Conductance (μ mhos/cm)	Temp ($^{\circ}$ C)	Turbidity (ntu)	Rate (ml/min)	
	1161312	1111513	1010	7.07	113818	11413	11010		
	1161314	1111518	1410	7.07	113817	11413	11010		
	1161414	1111517	1610	7.07	113816	11413	11010		
	1161419	1111518	1810	7.07	113816	11413	11010		
	1161514								
	1161515								
	1161516								
	1161517								
	1161518								
	1161519								
	1161520								
	1161521								
	1161522								
	1161523								
1161524									
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).									
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L) Gals Circle one	pH (std)	CONDUCTANCE (μ mhos/cm)	TEMP ($^{\circ}$ C)	TURBIDITY (ntu)	RATE (ml/min)	
	1101414	1654	80	7.07	1386	1413	0.97	400	
FIELD COMMENTS	Sample Appearance:	—	Odor:	none	Color:	ck4	Other:	—	
	Weather Conditions (at sample time):	Wind Speed/Direction:	0-10 mph SE	Air Temp:	~65°F	Precipitation:	X or N		
	Specific Comments (including purge/well volume calculations if required):	D.O. (mg/L): 0.04 ORP (mV): -48.3							
	Samples Collected: VOCs, Diss. Metals, TOC, PCBs								

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

10 / 14 / 14 Chris Gordon

Ch. C. L.

Eagon & Associates, Inc.

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-286C

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

10 / 14 / 14 Chris Gordon

Ch. Cich

Eagon & Associates, Inc.

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-241R

WELL DATA	Water-Level Date (MM DD YY)	<u>110 13 14</u>	Water-Level Time (2400 Hr. Clock)	<u>1 0 2 5</u>	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-S = 3-S well vol.	LF	X = Other				
	Well Elevation (at TOC)	<u>9 1 3 5 7</u> (ft/msl)	Depth to Water (DTW) (from TOC)	<u>1 7 4 3</u> (ft)	Groundwater Elevation (site datum, from TOC)	<u>8 9 6 1 4</u> (ft/msl)					
	Total Well Depth (from TOC)	<u>6 0 4 0</u> (ft)	Water Column Height (well depth - DTW)	<u>4 2 9 7</u> (ft)	Casing ID	<u>0 4</u> (in)					
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	<u>0.45 pt</u> or <u>pt</u> (circle or fill in)					
	Purging Device	<u>C</u>	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Bailer E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	<u>B</u>	A-P1200M (495 ml) B-P1101M (395 ml) X-Other				
	Sampling Device	<u>C</u>			Tubing ID (Vol/Pt)	<u>B</u>	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) X-Other				
	X-Other										
PURGE INFO	PURGE DATE (MM DD YY)	<u>110 15 14</u>	START PURGE TIME (2400 Hr. Clock)	<u>0 9 1 7</u>	ELAPSED HRS (hrs:min)	<u>0 5 0</u>	WATER VOL (C) (Gal) IN (PUMP/TUBING/WELL/CASING)	<u>1 0</u>	ACTUAL VOL PURGED (Liter/ Gallons)	<u>3 3 0</u>	Q(PUMP/TUBING/WELL) VOL PURGED (optional)
							circle one of each				
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L) Gals circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)			
	<u>0 9 1 1 5</u>	<u>1 1 7 4 1 0</u>									
	<u>0 9 1 1 7</u>	<u>S T 1 A R T</u>	<u>1 1 0 0</u>					<u>1 0 0 0</u>			
	<u>0 9 1 2 7</u>	<u>1 2 0 1 9 1 0</u>	<u>1 1 0 0</u>	<u>8 0 3</u>	<u>1 1 9 9 7</u>	<u>1 3 5</u>		<u>1 1 5 0</u>			
	<u>0 9 1 3 7</u>	<u>1 2 1 1 2 7</u>	<u>1 1 1 5</u>	<u>8 0 7</u>	<u>1 1 0 0 1</u>	<u>1 3 8</u>		<u>1 0 0 0</u>			
	<u>0 9 1 5 7</u>	<u>1 2 7 1 1 0</u>	<u>1 3 1 5</u>	<u>8 0 4</u>	<u>1 1 9 9 5</u>	<u>1 3 4</u>		<u>1 1 5 0</u>			
	<u>1 0 0 0 2</u>	<u>1 2 7 1 1 6</u>	<u>1 3 2 3</u>	<u>8 0 5</u>	<u>1 1 9 9 9</u>	<u>1 3 6</u>		<u>1 1 5 0</u>			
	<u>1 0 0 0 7</u>	<u>1 2 7 2 1 4</u>	<u>1 3 3 0</u>	<u>8 0 5</u>	<u>1 1 9 9 7</u>	<u>1 3 7</u>		<u>1 1 5 0</u>			
Suggested range for 3 consecutive readings or Permit/State requirements may be entered in spaces provided above (optional).											
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)			
	<u>110 15 14</u>	<u>1 0 0 7</u>	<u>3 3 0</u>	<u>8 0 5</u>	<u>1 9 9 7</u>	<u>1 3 7</u>	<u>1 3 1 6</u>	<u>1 5 0</u>			
FIELD COMMENTS	Sample Appearance:		Odor:	none	Color:	clear	Other:	—			
	Weather Conditions (at sample time): Wind Speed/Direction:		5-10 mph SW	Air Temp:	~60°F	Precipitation:	<input checked="" type="checkbox"/> or N				
	Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.16 ORP (mV): -159.0										
	Samples collected: VOCs, Diss. Metals, TOC, PCBs										
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:											
Date	Name	Signature		Eagon & Associates, Inc. Company							

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-235CR

WELL DATA	Water-Level Date (MM DD YY)	<u>110113</u> / <u>114</u>	Water-Level Time (2400 Hr Clock)	<u>1022</u>	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.	<u>LF</u> X = Other		
	Well Elevation (at TOC)	<u>91466</u> (ft/msl)	Depth to Water (DTW) (from TOC)	<u>1202</u> (ft)	Grosswater Elevation (site datum, from TOC)	<u>90264</u> (ft/msl)		
	Total Well Depth (from TOC)	<u>2790</u> (ft)	Water Column Height (well depth - DTW)	<u>7588</u> (ft)	Casing ID	<u>04</u> (in)		
	Purging and Sampling Equipment...Dedicated PURGE SAMPLE EQUIPMENT	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N		Filter Device <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	<u>0.45μ</u> or <input type="checkbox"/> μ (circle or fill in)			
Purging Device	<input checked="" type="checkbox"/> C	A-Submersible Pump B-Peristaltic Pump Sampling Device <input checked="" type="checkbox"/> C	D-Bailer E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	<input checked="" type="checkbox"/> B	A-P1200M (495 ml) B-P1101M (395 ml) X-Other		
X-Other			Tubing ID (Vol/Ft)	<input checked="" type="checkbox"/> B	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) X-Other	C-0.17 inch (4.5 ml/ft)		
PURGE INFO	<u>110115</u> / <u>114</u>	<u>10315</u>	<u>0140</u>	<u>06</u>	<u>126</u>	<u>20.8</u>		
	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hr:min)	WATER VOL (L) GAL IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (Liter/Gallons)	(PUMP/TUBING/WELL) VOLS PURGED (optional)		
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L Gals) circle one	pH (std)	Conductance (μmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
	<u>1101313</u>	<u>1111719</u>	<u>10.0</u>	<u>7</u>	<u>119716</u>	<u>14.4</u>	<u>+++</u>	<u>4010</u>
	<u>1101315</u>	SITAR IT	<u>10.0</u>	<u>7</u>	<u>119716</u>	<u>14.4</u>	<u>+++</u>	<u>4010</u>
	<u>1101510</u>	<u>1113133</u>	<u>16.0</u>	<u>6.912</u>	<u>119716</u>	<u>14.4</u>	<u>+++</u>	<u>2010</u>
	<u>1101515</u>	<u>11131610</u>	<u>7.6</u>	<u>6.910</u>	<u>119717</u>	<u>14.4</u>	<u>+++</u>	<u>2010</u>
	<u>1111010</u>	<u>11131612</u>	<u>7.6</u>	<u>6.910</u>	<u>119719</u>	<u>14.4</u>	<u>+++</u>	<u>2010</u>
	<u>1111015</u>	<u>11131714</u>	<u>7.6</u>	<u>6.819</u>	<u>119815</u>	<u>14.4</u>	<u>+++</u>	<u>2010</u>
	<u>1111110</u>	<u>11131715</u>	<u>11.5</u>	<u>6.819</u>	<u>119910</u>	<u>14.5</u>	<u>+++</u>	<u>2010</u>
	<u>1111115</u>	<u>11131715</u>	<u>12.5</u>	<u>6.819</u>	<u>119912</u>	<u>14.7</u>	<u>101616</u>	<u>2010</u>
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).								
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr Clock)	VOL PURGED (L Gals) circle one	pH (std)	CONDUCTANCE (μmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
	<u>110115</u> / <u>114</u>	<u>1115</u>	<u>125</u>	<u>6.819</u>	<u>119912</u>	<u>14.7</u>	<u>1066</u>	<u>200</u>
Sample Appearance: — Odor: none Color: clear w/ effervescence Other: —								
Weather Conditions (at sample time): Wind Speed/Direction: <u>5-10 mph S</u> Air Temp: <u>~60°F</u> Precipitation: <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N								
Specific Comments (including purge/well volume calculations if required): <u>D.O. (mg/L): 0.20</u> <u>ORP (mV): 528</u>								
Samples collected: VOCs, Diss. Metals, TOC, PCBs								
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	Name	Signature		Eagon & Associates, Inc. Company				

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point:

MP-235BR

WELL DATA	Water-Level Date (MM DD YY)	110 13 14	Water-Level Time (2400 Hr Clock)	10:23	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-S = 3-S well vols.	LF	X = Other		
	Well Elevation (at TOC)	9 1 4 5 0	Depth to Water (DTW) (from TOC)	1 6 2 8	Groundwater Elevation (site datum, from TOC)	8 9 8 2 2	(ft/m)		
	Total Well Depth (from TOC)	3 8 6 3	Water Column Height (well depth - DTW)	2 2 3 5	Casing ID	0 4	(in)		
	Purging and Sampling Equipment...Dedicated	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.45 ¹	μ (circle or fill in)				
Purging Device	<input checked="" type="checkbox"/> A-Submersible Pump	D-Bailey	A-P1200M (495 ml)						
	<input type="checkbox"/> B-Peristaltic Pump	E-Piston Pump	B-P1101M (395 ml)						
Sampling Device	<input checked="" type="checkbox"/> C-QED Bladder Pump	F-Dipper/Bottle	X-Other						
X-Other			A-3/8 inch (22 ml/Pt)	C-0.17 inch (4.5 ml/ft)					
		Tubing ID (Vol/Pt)	B-1/4 inch (10 ml/Pt)	X-Other					
PURGE INFO	110 15 14	113 2	0 3 5	0 8	1 3 0	1 6 2			
	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L/Gal) IN (PUMP/TUBING/WELL CASING)	ACTUAL VOL PURGED (Liter/Gallons)	(PUMP/TUBING/WELL) VOLS PURGED (optional)			
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol Purged <input checked="" type="checkbox"/> Gals	pH (std)	Conductance (mhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)	
	111311	1116013	1 0 0	+ + 4	1 2 1 1 6 3	113 8	1 1 1	4 1 0 1 0	
	111312	SITIA RIT	1 0 0	+ + 4	1 2 1 1 6 3	113 8	1 1 1	4 1 0 1 0	
	111312	11171317	1 1 8 0	1 6 9 1 6	1 2 1 1 6 3	113 8	1 1 1	4 1 0 1 0	
	111317	11171419	1 1 0 0	1 6 9 1 6	1 2 1 1 5 1 7	113 8	1 1 1	3 1 0 1 0	
	1121012	11171415	1 1 1 5	1 6 9 1 6	1 2 1 1 5 1 4	113 9	1 1 1	3 1 0 1 0	
	1121017	11171412	1 1 3 0	1 6 9 1 6	1 2 1 1 5 1 0	113 9	1 1 0 9 1 6	3 1 0 1 0	
	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1	
	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1	
	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1	
	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1	
	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1	
	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1	
1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1 1	1 1		
Suggested range for 3-consec. readings or Permit/State requirements may be entered in spaces provided above (optional).									
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr Clock)	VOL PURGED <input checked="" type="checkbox"/> Gals	pH (std)	CONDUCTANCE (mhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)	
	110 15 14	120 7	1 3 0	6 9 6	1 2 1 5 0	1 3 9	1 0 9 1 6	3 0 0	
<input checked="" type="checkbox"/> circle one									
FIELD COMMENTS	Sample Appearance:		Odor:	non	Color:	clear	Other:	-	
	Weather Conditions (at sample time): Wind Speed/Direction:		5-15 mph	SF	Air Temp:	~65°F	Precipitation:	<input checked="" type="checkbox"/> or N	
	Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.13 ORP (mV): - 9.8								
	Samples collected: VOCs, Diss. Metals, TOC, PCBs								
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:									
Date	Name	Chris Gordon		Signature	Eagon & Associates, Inc. Company				

FIELD INFORMATION FORM

Site Name:		CECOS - Aber Rd		Sample Point:	MP-235R			
WELL DATA	Water-Level Date (MM DD YY)	110 13 14	Water-Level Time (2400 Hr. Clock)	10:20	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-S = 3-S well vols.	LF X = Other		
	Well Elevation (at TOC)	91484 (ft/mst)	Depth to Water (DTW) (from TOC)	1844 (ft)	Groundwater Elevation (site datum, from TOC)	89640 (ft/mst)		
	Total Well Depth (from TOC)	7220 (ft)	Water Column Height (well depth - DTW)	5376 (ft)	Casing ID	OZ (in)		
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.45µ (or) <input type="checkbox"/> µ (circle or fill in)		
	Purging Device	C	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Bailer E-Piston Pump F-Dipped/Bottle	Pump Type (Vol)	B	A-PI200M (495 ml) B-PI101M (395 ml) X-Other	
	Sampling Device	C			Tubing ID (Vol/F)	B	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) X-Other	
	X-Other							
PURGE INFO	110 15 14	12:34	025	ELAPSED HRS (hrs:min)	10	100	100	
	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)		WATER VOL (1 Gals) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (Ltrs/Gallons) circle one	(PUMP/TUBING/WELL) VOL PURGED (optional)		
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	VOL Purged (1 Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
	1121312	118315	1010	7.1	11181211	113.9	12.77	41010
	1121314	SIT/AIRIT	1010	7.1	11181211	113.9	12.77	41010
	1121419	1210112	11610	7.312	11171919	114.16	12.77	41010
	1121514	1210122	11810	7.311	11191811	114.11	12.77	41010
	1121519	12101312	111010	7.311	11191811	114.11	12.77	41010
	111							
	111							
	111							
	111							
	111							
	111							
	111							
	111							
	111							
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).								
SAMPLE DATA		SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (1 Gals) circle one	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
110 16 14		12:59	100	7.31	11781	14.1	2.77	400
Sample Appearance: — Odor: none Color: clear Other: —								
Weather Conditions (at sample time): Wind Speed/Direction: 5-15 mph S Air Temp: ~60°F Precipitation: Y or N								
Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.41 ORP (mV): -71.6								
Samples collected: VOCs, Diss. Metals, TOC, PCBs								
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	Name	Signature		Eagon & Associates, Inc. Company				

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd.

Sample Point: MP-237

WELL DATA	Water-Level Date (MM DD YY)	<u>10/13/14</u>	Water-Level Time (2400 Hr Clock)	<u>10:10</u>	Purge/Sample Method: LF = Low Flow P = Positive Day = Day 3-5 = 3-5 well vols.	LF	X = Other	
	Well Elevation (at TOC)	<u>91368</u> (ft/msl)	Depth to Water (DTW) (from TOC)	<u>1693</u> (ft)	Groundwater Elevation (site datum, from TOC)	<u>89675</u> (ft/msl)		
	Total Well Depth (from TOC)	<u>71110</u> (ft)	Water Column Height (well depth - DTW)	<u>5417</u> (ft)	Casing ID	<u>D2</u> (in)		
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	<u>0.45</u> <input type="checkbox"/> or <input checked="" type="checkbox"/> μ (circle or fill in)			
	Purging Device	<u>C</u>	A-Submersible Pump B-Peristaltic Pump C-QHD Bladder Pump	D-Baller E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	<u>B</u>	A-P1200M (495 ml) B-P1101M (395 ml) X-Other	
	Sampling Device	<u>C</u>			Tubing ID (Vol/Pt)	<u>B</u>	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) X-Other	
	X-Other							
PURGE INFO	<u>10/15/14</u>	<u>1325</u>	<u>035</u>	<u>10</u>	<u>140</u>	<u>14</u>		
	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L) Gal IN (PUMP/TUBING/WELL CASING) circle one	ACTUAL VOL PURGED (Liters:Dollars) circle one	(PUMP/TUBING WELL) VOLS PURGED (optional)		
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	VOL Purged (L) Gals circle one	pH (std)	Conductance (mhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
	<u>131213</u>	<u>1161818</u>						
	<u>131215</u>	<u>SITIA/RT</u>	<u>100</u>	<u>7.1</u>	<u>11111912</u>	<u>14.1</u>	<u>+++</u>	<u>41010</u>
	<u>131415</u>	<u>1181615</u>	<u>180</u>	<u>7.917</u>	<u>11121012</u>	<u>14.1</u>	<u>++</u>	<u>41010</u>
	<u>131510</u>	<u>1181712</u>	<u>11010</u>	<u>7.714</u>	<u>11121012</u>	<u>14.1</u>	<u>++</u>	<u>41010</u>
	<u>131515</u>	<u>1181619</u>	<u>11210</u>	<u>7.613</u>	<u>11121018</u>	<u>14.1</u>	<u>++</u>	<u>41010</u>
	<u>141010</u>	<u>1181619</u>	<u>11410</u>	<u>7.518</u>	<u>11121111</u>	<u>14.1</u>	<u>126411</u>	<u>41010</u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).								
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr Clock)	VOL PURGED (L) Gals circle one	pH (std)	CONDUCTANCE (mhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
	<u>10/15/14</u>	<u>1400</u>	<u>140</u>	<u>758</u>	<u>1211</u>	<u>14</u>	<u>241</u>	<u>400</u>
FIELD COMMENTS	Sample Appearance: <u>—</u> Odor: <u>none</u> Color: <u>clear</u> Other: <u>—</u>							
	Weather Conditions (at sample time): Wind Speed/Direction: <u>5-10 mph S</u> Air Temp: <u>-40°F</u> Precipitation: <u>Y or N</u>							
	Specific Comments (including purge/well volume calculations if required): <u>D.O. (mg/L): 0.27</u> <u>ORP (mV): -817</u>							
	<u>Samples collected: VOCs, Diss. metals, TDS, PCBs</u>							
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	Name	Signature		Eagon & Associates, Inc. Company				

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample
Point: MP-401A

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols.

10/15/14

Nick A. Karow

Hank G. Z.

Eason & Associates, Inc.

FIELD INFORMATION FORM									
Site Name:	CECOS - Aber Rd				Sample Point:	MP-401B			
WELL DATA	Water-Level Date (MM DD YY)	11/13/14	Water-Level Time (2400 Hz Clock)	11:18	Purge/Sample Method:	LF	X = Other LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.		
	Well Elevation (at TOC)	90656 (ft/msl)	Depth to Water (DTW) (from TOC)	880 (ft)	Groundwater Elevation (site datum, from TOC)	89776 (ft/msl)			
	Total Well Depth (from TOC)	3200 (ft)	Water Column Height (well depth - DTW)	2320 (ft)	Casing ID	02 (ft)			
PURGE/SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated			<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> D or <input type="checkbox"/> N	45 μ or <input type="checkbox"/> μ (circle or fill in)		
	Purging Device	C	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Bailer E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	B	A-PI200M (495 ml) B-PI101M (395 ml) C-PI1150 (130 ml) X-Other		
	Sampling Device	C			Tubing ID (Vol/ft)	B	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) C-0.17 inch (4.5 ml/ft) X-Other		
	X-Other								
PURGE INFO	11011514	11056	0020	07	30	1114			
	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hz Clock)	ELAPSED HRS (hrs:min)	WATER VOL (3 Gal) IN (PUMP/TUBING/WELL CASING)	ACTUAL VOL PURGED (Ltrs/Dollons)	(PUMP/TUBING/WELL) VOLS PURGED (optional)			
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol Purged ($\frac{1}{2}$ Gals.) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)	
	11056	18159	140	7110	11376	153	+	400	
	11016	18163	140	7110	11376	154	++	400	
	11111	18164	160	7110	11372	153	++	400	
	11116	18164	180	7110	11363	153	++	400	
	111		11	7110			++	400	
	111		11	7110			++	400	
	111		11	7110			++	400	
	111		11	7110			++	400	
	111		11	7110			++	400	
	111		11	7110			++	400	
	111		11	7110			++	400	
	111		11	7110			++	400	
	111		11	7110			++	400	
	111		11	7110			++	400	
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).									
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hz Clock)	VOL PURGED ($\frac{1}{2}$ Gal)	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)	
	11011514	11116	80	716	11363	153	1113	400	
circle one									
Sample Appearance: ----- Odor: NONE Color: CLEAR Other: ---									
Weather Conditions (at sample time): Wind Speed/Direction: 5-15 mph From S Air Temp: ~55°F Precipitation: <input checked="" type="checkbox"/> or N									
Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.00 ORP (mV): -53.1									
FIELD COMMENTS	Samples Collected DMP VOCs/Diss Metals TOC / PCBs								
	I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
	Date	Name	Signature	Eagon & Associates, Inc. Company					

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: DUPPLICATE-BMP-2

WELL DATA	Water-Level Date (MM DD YY)	Water-Level Time (2400 Hr. Clock)	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.						
	Well Elevation (at TOC) (ft/msl)	Depth to Water (DTW) (from TOC)	Groundwater Elevation (site datum, from TOC) (ft/msl)						
	Total Well Depth (from TOC) (ft)	Water Column Height (well depth - DTW) (ft)	Casing in (m)						
PURGE/SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.45 μ or <input type="checkbox"/> μ (circle or fill in)				
	Purging Device <input type="checkbox"/>	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Boiler E-Piston Pump F-Dipper/Bottle	Pump Type (Vol.) <input type="checkbox"/>	A-P1200M (495 ml) B-P1101M (395 ml) A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft)				
	Sampling Device <input type="checkbox"/>	X-Other <input type="checkbox"/>	Tubing ID (Vol/Ft) <input type="checkbox"/>	C-P1150 (130 ml) X-Other C-0.17 inch (4.5 ml/ft) X-Other					
PURGE INFO	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs/min)	WATER VOL. (L:Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters:Gallons) circle one	(PUMP/TUBING/WELL) VOLS PURGED (optional)			
	Time (2400 Hr Clock)	DTW (ft)	Purged <input checked="" type="checkbox"/> Vol.: Gals circle one	pH (std)	Conductance (μ mhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)	
STABILIZATION DATA	1101516	181519	140	7110	11131717	153	111	400	
	1111016	81613	60	7110	11131710	154	111	111	
	1111111	81614	810	7110	11131613	153	111	111	
	1111116	18164	111	111	11131613	111	111	111	
	1111111	11111	111	111	11131613	111	111	111	
	1111111	11111	111	111	11131613	111	111	111	
	1111111	11111	111	111	11131613	111	111	111	
	1111111	11111	111	111	11131613	111	111	111	
	1111111	11111	111	111	11131613	111	111	111	
	1111111	11111	111	111	11131613	111	111	111	
	1111111	11111	111	111	11131613	111	111	111	
	1111111	11111	111	111	11131613	111	111	111	
	1111111	11111	111	111	11131613	111	111	111	
	1111111	11111	111	111	11131613	111	111	111	
	1111111	11111	111	111	11131613	111	111	111	
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).									
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gal)	pH (std)	CONDUCTANCE (μ mhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)	
	11011514	11116	80	710	1363	153	889	400	
circle one									
FIELD COMMENTS	Sample Appearance:		Odor:	NONE	Color:	CLEAR	Other:	-	
	Weather Conditions (at sample time): Wind Speed/Direction:		5-15 mph From S ↑		Air Temp:	~55°F	Precipitation:	0 or N	
	Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.00 ORP (mV): -53.0								
	EXACT DUPLICATE BY CONTAINER OF WELL MP-4018								
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:									
Date	Name	Signature		Eagon & Associates, Inc. Company					

FIELD INFORMATION FORM									
Site Name: CECOS - Aber Rd				Sample Point: MP-23372					
WELL DATA	Water-Level Date (MM DD YY)	10 13 14	Water-Level Time (2400 Hr. Clock)	10:08	Purge/Sample Method:		LF	X = Other LF = Low Flow P = Passive Dry = Dry 3-S = 3-S well vols.	
	Well Elevation (at TOC)	90700 (ft/msl)	Depth to Water (DTW) (from TOC)	1167 (ft)	Groundwater Elevation (site datum, from TOC)		89533 (ft/msl)		
	Total Well Depth (from TOC)	8020 (ft)	Water Column Height (well depth - DTW)	6853 (ft)	Casing ID	02 (ft)			
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated			<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.45 μ	μ (circle or fill in)	
	Purging Device	C	A-Submersible Pump	D-Bailer	Pump Type (Vol)	B	A-P1200M (495 ml)	C-P1150 (130 ml)	
	Sampling Device	C	B-Peristaltic Pump	E-Piston Pump	Tubing ID (Vol/Ft)	B	B-P110IM (395 ml)	X-Other	
	X-Other	—	C-QBD Bladder Pump	F-Dipper/Bottle			A-3/8 inch (22 ml/ft)	C-8.17 inch (4.5 ml/ft)	
						B-1/4 inch (10 ml/ft)	X-Other		
PURGE INFO	10 15 14	12 02	0020	11	40	36	(PUMP/TUBING/WELL) VOL PURGED (optional)		
	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (GAL) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (GAL) (Gallons) circle one				
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol. Purged <input checked="" type="checkbox"/> Gals circle one	pH (std)	Conductance (micromhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)	
	112012	1111514	120	7315	1211515	1510	—	2010	
	112112	1121014	130	7318	1211312	1512	—	111	
	112117	1121118	140	7319	1211312	1512	—	2010	
	112122	1121217	—	—	—	—	—	—	
	—	—	—	—	—	—	—	—	
	—	—	—	—	—	—	—	—	
	—	—	—	—	—	—	—	—	
	—	—	—	—	—	—	—	—	
	—	—	—	—	—	—	—	—	
	—	—	—	—	—	—	—	—	
	—	—	—	—	—	—	—	—	
	—	—	—	—	—	—	—	—	
	—	—	—	—	—	—	—	—	
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).									
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED <input checked="" type="checkbox"/> Gals circle one	pH (std)	CONDUCTANCE (micromhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)	
	10 15 14	12 22	40	739	12132	152	564	200	
Sample Appearance: — Odor: None Color: CLEAR (FRESHWATER) Other: —									
Weather Conditions (at sample time): Wind Speed/Direction: 5-10 mph from SW Air Temp: ~55°F Precipitation: <input checked="" type="checkbox"/> or N									
Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.00 ORP (mV): -82.9									
FIELD COMMENTS REPERE: 27 SEC DISCHARGE: 3 SEC @ ~ 45 psi Samples Collected: DMP VOLCS / DIS HELLS, TDC/PCBS									
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:									
Date	Name	Signature		Eagon & Associates, Inc.					
10 15 14	New A Ktron	John G. Z.		Company					

FIELD INFORMATION FORM

Site Name:	CECOS - Aber Rd		Sample Point:	MP-233 AR								
WELL DATA	Water-Level Date (MM DD YY)	1101314	Water-Level Time (2400 Hr. Clock)	10:06	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.							
	Well Elevation (at TOC)	90744 (ft/msl)	Depth to Water (DTW) (from TOC)	610 (ft)	Groundwater Elevation (site datum, from TOC) 90134 (ft/msl)							
	Total Well Depth (from TOC)	2770 (ft)	Water Column Height (well depth - DTW)	2160 (ft)	Casing ID 04 (in)							
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N (ASU) or <input type="checkbox"/> — (circle or fill in)								
	Purging Device	C	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Bailey E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	B	A-P1200M (495 ml) B-P110IM (395 ml) C-3/8 inch (22 ml/ft) D-1/4 inch (10 ml/ft)	C-P1150 (130 ml) X-Other E-C-0.17 inch (4.5 ml/ft) F-X-Other				
	Sampling Device	C	X-Other	—	Tubing ID (Vol/ft)	B						
	X-Other	—										
PURGE INFO	PURGE DATE (MM DD YY)	1101414	START PURGE TIME (2400 Hr. Clock)	11626	ELAPSED HRS (hrs:min)	1110	WATER VOL (L Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	1536	ACTUAL VOL PURGED (Liters/Gallons) circle one	460	(PUMP/TUBING/WELL) VOLS PURGED (optional)	11.2 (Dry)
	Time (2400 Hr Clock)	DTW (ft)	Purged (L : Gals) circle one	Vol (L : Gals)	pH (std)	Conductance (umhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)			
STABILIZATION DATA	11624	598		7	711	7	1711	—				
	11626	SITIAIR	1010	7	711	7	1711	—				
	11636	11DIRY	1660	7	711	711	7	1711	—			
	11711	1111	1	7	711	711	7	1711	—			
	10/15/14	SAMPLE	111	7	711	711	7	1711	—			
	112510	112114	1660	711	711	115119	11519	176619	—			
	11311	1111	1	7	711	711	7	1711	—			
	11311	1111	1	7	711	711	7	1711	—			
	11311	1111	1	7	711	711	7	1711	—			
	11311	1111	1	7	711	711	7	1711	—			
	11311	1111	1	7	711	711	7	1711	—			
	11311	1111	1	7	711	711	7	1711	—			
	11311	1111	1	7	711	711	7	1711	—			
	11311	1111	1	7	711	711	7	1711	—			
11311	1111	1	7	711	711	7	1711	—				
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).												
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L : Gals) circle one	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)				
	110115114	12510	660	711	1519	159	1769	—				
FIELD COMMENTS	Sample Appearance: — Odor: None Color: CLEAR Other: —											
	Weather Conditions (at sample time): Wind Speed/Direction: 5-10 MPH FROM 365° Air Temp: ~60°F Precipitation: ☂ or N											
	Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 1.24											
	Well vol. = 21.72' x 0.652 = 14.1 gals x ORP (mV): +13.6											
	3.785%vol=53.6 L Samples Collected											
	Purged dry @ 66.0 L, let well recover overnight DMP VOCs / Diss. Metals, TOC / PCBs											
	I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:											
	Date	10/15/14		Name	Nick A Karon	Signature	1102	Eagon & Associates, Inc.	Company			

FIELD INFORMATION FORM

Site Name:		Sample Point:						
CECOS - Aber Rd		MP-234R						
WELL DATA	Water-Level Date (MM DD YY)	10/13/14	Water-Level Time (2400 Hr Clock)	10:13	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vol.			
	Well Elevation (at TOC)	91188 (ft/msl)	Depth to Water (DTW) (from TOC)	1468 (ft)	Groundwater Elevation (site datum, from TOC)	89720 (ft/msl)		
	Total Well Depth (from TOC)	7540 (ft)	Water Column Height (well depth - DTW)	6072 (ft)	Casing ID:	04 (in)		
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> X or <input type="checkbox"/> N	0.4544 Pcf	— ml (circle or fill in)	
	Purging Device	C	A-Submersible Pump B-Peristaltic Pump C-QBD Bladder Pump	D-Baller E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	B	A-P1200M (495 ml) B-P1101M (395 ml) C-P1150 (130 ml) X-Other	
	Sampling Device	C			Tubing ID (Vol/Ft)	3	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) C-0.17 inch (4.5 ml/ft) X-Other	
	X-Other							
	PURGE INFO	10/13/14	13:20	0020	WATER VOL (Q3Gal) IN (PURGE TUBE/WELL CASING) circle one of each	40	ACTUAL VOL PURGED (Ltrs/Gallons) circle one	3.6
PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)				<PURGE TUBE/WELL VOLS PURGED (optional)		
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol. Purged <input checked="" type="checkbox"/> Gals circle one	pH (std)	Conductance (microes/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
	11:31:00	11468						
	11:31:10	115212	11210	7213	1481019	11418		2010
	11:31:35	115318	11310	71212	1481017	11417		11
	11:31:40	1151511	11410	7213	14171017	11415	111718	2010
	11:11							
	11:11							
	11:11							
	11:11							
	11:11							
	11:11							
	11:11							
	11:11							
	11:11							
	11:11							
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).								
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED <input checked="" type="checkbox"/> Gals circle one	pH (std)	CONDUCTANCE (microes/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
	10/15/14	13:40	40	723	4707	145	178	2010
FIELD COMMENTS	Sample Appearance:		Odor:		Color:		Other:	
	Weather Conditions (at sample time): Wind Speed/Direction: 0-5 mph From SW		Air Temp: ~60°F		Precipitation: <input checked="" type="checkbox"/> Dr N			
	Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.17		ORP (mV): +3.8					
	REFILL: = 27 sec							
	DISCHARGE: = 3 sec @ ~50 psi							
							Samples Collected:	
							DMP VOCs / Diss Metals, TOC/PCBs	
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	Name	Signature		Eagon + Associates, Inc.		Company		
10/15/14	Nick A Karow	Nick A. Karow		Eagon + Associates, Inc.				

FIELD INFORMATION FORM

Site Name:		CECOS - Aber Rd		Sample Point:		MP-234AR		
WELL DATA	Water-Level Date	10/13/14 (MM DD YY)	Water-Level Time	10:15 (2400 Hz Clock)	Purge/Sample Method:	LF	X = Other LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vol.	
	Well Elevation (at TOC)	91090 (ft/msl)	Depth to Water (DTW) (from TOC)	835 (ft)	Groundwater Elevation (site datum, from TOC)	90255 (ft/msl)		
	Total Well Depth (from TOC)	2460 (ft)	Water Column Height (well depth - DTW)	1625 (ft)	Casing ID	04 (ft)		
PURGE/SAMPLE EQUIPMENT	Purging and Sampling Equipment... Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.45L	or <input type="checkbox"/> μ (circle or fill in)	
	Purging Device	C	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Boiler E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	B	A-P1200M (495 mL) B-P1101M (395 mL) X-Other	
	Sampling Device	C		Tubing ID (Vol/Pt)	B	A-3/8 inch (22 mL/ft) B-1/4 inch (10 mL/ft) X-Other		
	X-Other	—						
PURGE INFO	PURGE DATE (MM DD YY)	10/13/14	START PURGE TIME (2400 Hz Clock)	14204	ELAPSED HRS (hrs:min)	00:00	WATER VOL (Gals) IN (PUMP/TUBING/WELL CASING) circle one of each	
							ACTUAL VOL PURGED (GALS/Gallons) circle one	
STABILIZATION DATA	Time (2400 Hz Clock)	DTW (ft)	Vol. Purged <input checked="" type="checkbox"/> Gals circle one	pH (std)	Conductance (μ mhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (mL/min)
	14014	8312	1410	6.810	12191415	14.9	—	400
	14114	8313	1410	6.710	12191415	14.9	—	400
	14119	8318	1410	6.710	12191415	14.9	—	400
	14214	9111	180	6.718	12191415	14.9	13116	400
	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—	—
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).								
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hz Clock)	VOL PURGED <input checked="" type="checkbox"/> Gals circle one	pH (std)	CONDUCTANCE (μ mhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (mL/min)
	10/15/14	1424	80	6.78	2945	14.9	316	400
Sample Appearance: — Odor: None Color: CEA-R Other: —								
Weather Conditions (at sample time): Wind Speed/Direction: S-10 mph from SW Air Temp: ~68°F Precipitation: <input checked="" type="checkbox"/> or N								
Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.00 ORP (mV): +50.6								
REFILL: 12 sec								
DISCHARGE 3 sec @ ~ 20 psi Samples Collected!								
DMP VOCs/Diss Metals, TOC/PCBs								
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	Name	Signature		Eagon & Associates, Inc.				

FIELD INFORMATION FORM

Site Name: <u>CECOS - Aber Rd</u>		Sample Point: <u>MP-402A</u>						
WELL DATA	Water-Level Date <u>110 13 14</u> (MM DD YY)	Water-Level Time <u>10:11</u> (2400 Hr. Clock)	Purge/Sample Method: <u>LF</u> X = Other LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vol.					
	Well Elevation (at TOC) <u>90842</u> (ft/m)	Depth to Water (DTW) (from TOC) <u>544</u> (ft)	Groundwater Elevation (site datum, from TOC) <u>90298</u> (ft/m)					
	Total Well Depth (from TOC) <u>2100</u> (ft)	Water Column Height (well depth - DTW) <u>1556</u> (ft)	Casing ID <u>02</u> (in)					
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N <u>0.45</u> <input checked="" type="checkbox"/> (circle or fill in) <u>μ</u>				
	Purging Device <u>C</u>	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Baller E-Piston Pump F-Dipper/Bottle	Pump Type (Vol) <u>B</u> A-P1200M (485 ml) B-P1101M (385 ml) X-Other				
	Sampling Device <u>C</u>	X-Other	Tubing ID (Vol/Ft) <u>B</u> A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) X-Other					
PURGE INFO	<u>110 15 14</u> (MM DD YY)	<u>14:25</u> (2400 Hr. Clock)	<u>00:20</u> ELAPSED HRS (hrs:min)	<u>WATER VOL (L) (Gal) IN</u> (PUMP/TUBING/WELL/CASING) circle one of each	<u>ACTUAL VOL PURGED</u> (Liters/Gallons) circle one	<u>(PUMP/TUBING/WELL)</u> VOL'S PURGED (optional)		
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	VOL Purged <u>(L)</u> (Gals) circle one	pH (std)	Conductance (μmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
	<u>14:21:3</u>	<u>15:21:1</u>	<u>10:0</u>	<u>7</u>	<u>13:21:2:10</u>	<u>15:8</u>	<u>+++</u>	<u>40:0</u>
	<u>14:21:5</u>	<u>15:21:1</u>	<u>10:0</u>	<u>7</u>	<u>13:21:2:10</u>	<u>15:8</u>	<u>+++</u>	<u>40:0</u>
	<u>14:31:5</u>	<u>16:31:5</u>	<u>14:0</u>	<u>6:8:2</u>	<u>13:21:1:12</u>	<u>15:8</u>	<u>+++</u>	<u>40:0</u>
	<u>14:41:0</u>	<u>16:31:5</u>	<u>16:0</u>	<u>6:7:9</u>	<u>13:21:1:12</u>	<u>15:8</u>	<u>+++</u>	<u>40:0</u>
	<u>14:41:5</u>	<u>16:31:7</u>	<u>18:0</u>	<u>6:7:7</u>	<u>13:21:0:15</u>	<u>15:7</u>	<u>+++</u>	<u>40:0</u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).								
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED <u>(L)</u> (Gals) circle one	pH (std)	CONDUCTANCE (μmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
	<u>110 15 14</u>	<u>14:45:1</u>	<u>8:0</u>	<u>6:7:7</u>	<u>3:2:0:5</u>	<u>15:7</u>	<u>3:1:8</u>	<u>40:0</u>
Sample Appearance: <u>—</u> Odor: <u>None</u> Color: <u>Clear</u> (EFERENCES) Other: <u>—</u>								
Weather Conditions (at sample time): Wind Speed/Direction: <u>5-15 MPH from S</u> Air Temp: <u>~60°F</u> Precipitation: <input checked="" type="checkbox"/> or <input type="checkbox"/>								
Specific Comments (including purge/well volume calculations if required): <u>D.O. (mg/L): 0.11</u> <u>ORP (mV): -44.0</u>								
FIELD COMMENTS	<u>Samples Collected: VOCs, Diss. Metals, TOC, PCBs</u>							
	I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:							
Date <u>10/15/14</u>	Name <u>Chris Gordon</u>	Signature <u>Ch. Gordon</u>	Company <u>Eagon & Associates, Inc.</u>					

FIELD INFORMATION FORM

Site Name:	CECOS - Aber Rd		Sample Point:	MP-274				
WELL DATA	Water-Level Date (MM DD YY)	10/13/14	Water-Level Time (2400 Hr. Clock)	09:15	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vol.			
	Well Elevation (at TOC)	91220 (ft/m)	Depth in Water (DTW) (from TOC)	1792 (ft)	Groundwater Elevation (site datum, from TOC) 189428 (ft/m)			
	Total Well Depth (from TOC)	7550 (ft)	Water Column Height (well depth - DTW)	5758 (ft)	Casing ID: 02 (ft)			
	Purging and Sampling Equipment...Dedicated	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	<input checked="" type="checkbox"/> 0.43L or <input type="checkbox"/> μ (circle or fill in)				
Purging Device	<input checked="" type="checkbox"/> A-Submersible Pump <input type="checkbox"/> B-Peristaltic Pump <input type="checkbox"/> C-QED Bladder Pump	D-Bailer E-Piston Pump F-Dipper/Bottle	Pump Type (Vol) <input checked="" type="checkbox"/> B	A-P1200M (495 ml) B-P1101M (395 ml) X-Other				
Sampling Device	<input checked="" type="checkbox"/>	Tubing ID (Vol/Ft) <input checked="" type="checkbox"/> B	B-A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) X-Other					
X-Other	<input type="checkbox"/>							
PURGE SAMPLE EQUIPMENT	PURGE INFO	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L/Gal) IN (PURGING WELL CASING) circle one of each	ACTUAL VOL PURGED (Ltrs: Gallons) circle one	PURGE TUBING (WELL) VOL PURGED (optional)	
	Time (2400 Hr Clock)	DTW (ft)	Purged Vol (L/Gals) circle one	pH (std)	Conductance (μmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
STABILIZATION DATA	09:45	1784	1410	7.46	1371	14.0	111	4100
	09:55	1815	150	7.50	1370	14.2	111	2100
	10:00	1814	60	7.52	1369	14.2	1405	2100
	10:05	1816	60					
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).								
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L/Gals)	pH (std)	CONDUCTANCE (μmhos/cm)	TEMP. (°C)	TURBIDITY (NTU)	RATE (ml/min)
	10/15/14	10:05	60	7.52	1369	14.2	1405	2100
circle one								
FIELD COMMENTS	Sample Appearance:		Odor:		Color:		Other:	
	None		O-S/W		Clear		—	
Weather Conditions (at sample time): Wind Speed/Direction: 0-S/W Air Temp: 55° Precipitation: <input checked="" type="checkbox"/> Y or N								
Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.11 ORP (mV): -78.2								
Samples Collected: DMP VOC's / Dissolved Metals TOC, PCB's								
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	Name	Signature					Eagon & Associates, Inc.	
10/15/14	Nelson Novak	Nelson Novak					Company	

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-274A

WELL DATA	Water-Level Date (MM DD YY)	10/15/14	Water-Level Time (2400 Hr. Clock)	09:18	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-S = 3-S well vols.	LF	X = Other	
	Well Elevation (at TOC)	91278 (ft/msl)	Depth to Water (DTW) (from TOC)	1883 (ft)	Groundwater Elevation (site datum, from TOC)	89395 (ft/msl)		
	Total Well Depth (from TOC)	3270 (ft)	Water Column Height (well depth - DTW)	1387 (ft)	Casing ID	04 (in)		
	Purging and Sampling Equipment...Dedicated PURGE SAMPLE EQUIPMENT	Y or N		Filter Device (Y) or N	0.45L or _____ L (circle or fill in)			
Purging Device	C	A-Submersible Pump B-Peristaltic Pump Sampling Device	D-Bailey E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	B	A-P1200M (495 ml) B-P1101M (395 ml) A-3/8 inch (22 ml/lb) B-1/4 inch (10 ml/lb)	C-P1150 (130 ml) X-Other C-0.17 inch (4.5 ml/lb) X-Other	
X-Other	—		Tubing ID (Vol/Pi)	B				
PURGE INTO	10/15/14	10:56	003b	107	1120	1171		
	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hr:min)	WATER VOL (1 Gal) IN (PUMP/TUBING/WELL/CASING) circle one of each	ACTUAL VOL PURGED (Liter: Gallons)	(PUMP/TUBING/WELL) VOL PURGED (optional)		
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol Purged (1 Gal.) circle one	pH (std)	Conductance (umhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
	10:20	1865	180	6.96	11742	14.0	++	400
	10:40	1882	180	6.96	11742	14.0	++	400
	10:45	1883	110	6.96	11742	14.0	++	400
	10:50	1884	1120	6.96	11741	14.0	++	400
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	—	—	—	—	—	—	—	—
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).								
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (1 Gal.) circle one	pH (std)	CONDUCTANCE (umhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
	10/15/14	10:56	120	6.96	11741	14.0	194	400
FIELD COMMENTS	Sample Appearance:	—	Odor:	None	Color:	Clear	Other:	—
	Weather Conditions (at sample time): Wind Speed/Direction:	0-SW		Air Temp:	55°F	Precipitation:	Y or N	
	Specific Comments (including purge/well volume calculations if required):	D.O. (mg/L): 0.01 ORP (mV): -45.4						
	Samples Collected: DMP VOC's/Dissolved Metals, TOC, PCB's							
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	Nelson Novak	Signature	Eagon & Associates, Inc.					

FIELD INFORMATION FORM

Site Name:	CECOS - Aber Rd			Sample Point:	DUPLICATE-DMP-3						
WELL DATA	Water-Level Date	MM DD YY	Water-Level Time	(2400 Hr. Clock)	Purge/Sample Method:	L-P = Low Flow	P = Passive	Dry = Dry	X = Other	3-5 = 3-5 well vol.	
	Well Elevation (at TOC)	(ft/msl)	Depth to Water (DPTW) (from TOC)	(ft)	Groundwater Elevation (site datum, from TOC)	(ft/msl)					
	Total Well Depth (from TOC)	(ft)	Water Column Height (well depth - DPTW)	(ft)	Casing ID	(in)					
	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.45U or <input type="checkbox"/> N	(circle or fill in)				
PURGE SAMPLE EQUIPMENT	Purging Device	A-Submersible Pump B-Peristaltic Pump Sampling Device	C-QED Bladder Pump X-Other	D-Bailer E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	A-P1200M (495 ml) B-P1101M (395 ml) A-3/8 inch (22 ml/l)	C-P1150 (130 ml) X-Other B-1/4 inch (10 ml/l)	C-0.17 inch (4.5 ml/l) X-Other			
	PURGE INFO	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L:Gal) IN (PUMP/TUBING/WELL CASING)	ACTUAL VOL PURGED (Liters: Gallons) circle one of each	(PUMP/TUBING:WELL) VOLS PURGED (optional)				
	STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gals) circle one	pH (std)	Conductance (mmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)		
SAMPLE DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (mmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)			
FIELD COMMENTS	Sample Appearance: — Odor: <u>NONE</u> Color: <u>CLEAR</u> Other: — Weather Conditions (at sample time): Wind Speed/Direction: <u>0-5 W</u> Air Temp: <u>75.5°F</u> Precipitation: <input checked="" type="checkbox"/> N Specific Comments (including purge/well volume calculations if required): <u>D.O. (mg/L): 6.0</u> <u>ORP (mV): -454</u> <u>Exact duplicate sample by container of well MP-286.</u> <u>Samples Collected: DMP VOC's/Dissolved Metals, TOC, PCB's</u>										
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols: 10/15/14 Nelson Novak Nelson Novak Date Name Signature Company: Eagon & Associates, Inc.											

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-2,SH

WELL DATA	Water-Level Date (MM DD YY)	10/13/14	Water-Level Time (2400 Hz Clock)	09:10	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.	LF	X = Other	
	Well Elevation (at TOC)	91353 (ft/msl)	Depth to Water (DTW) (from TOC)	11937 (ft)	Groundwater Elevation (site datum, from TOC)	89416 (ft/msl)		
	Total Well Depth (from TOC)	17263 (ft)	Water Column Height (well depth - DTW)	5323 (ft)	Casing ID	B2 (in)		
	Purging and Sampling Equipment.. Dedicated	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.458	or	μ (circle or fill in)	
Purging Device	<input checked="" type="checkbox"/> A-Submersible Pump	D-Bailer	<input checked="" type="checkbox"/> A-P1200M (495 ml)	A-P1200M (495 ml)				
Sampling Device	<input checked="" type="checkbox"/> B-Peristaltic Pump	E-Piston Pump	<input checked="" type="checkbox"/> B-P110IM (395 ml)	B-P110IM (395 ml)				
X-Other	<input type="checkbox"/> C-QED Bladder Pump	F-Dipper/Bottle	<input checked="" type="checkbox"/> C-X-Other					
PURGE EQUIPMENT INFO	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hz Clock)	ELAPSED HRS (hr:min)	WATER VOL (L) IN PUMPING WELL CASING; circle one of each	ACTUAL VOL PURGED (Liter/Gallons)	(CUMULATIVE WELL) VOLS PURGED (optional)		
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Purged Vol (L Gals) circle one	pH (std)	Conductance (mmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
	0820	11922		7.20	1173.4	14.2	++	400
	0830	11999	140	7.20	1173.4	14.2	++	400
	0835	12003	160	7.21	1173.5	14.2	++	400
	0840	12007	180	7.23	1173.5	14.2	12114	400
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).								
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hz Clock)	VOL PURGED (<input checked="" type="checkbox"/> Gal/s) circle one	pH (std)	CONDUCTANCE (mmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
	10/15/14	0846	180	7.23	1173.5	14.2	1214	400
FIELD COMMENTS	Sample Appearance: — Odor: None Color: Clear Other: —							
	Weather Conditions (at sample time): Wind Speed/Direction: 0-S/EW Air Temp: 55°F Precipitation: <input checked="" type="checkbox"/> or <input type="checkbox"/>							
	Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.06 ORP (mV): -84.4							
	Samples Collected: DMF VOC's / Dissolved Metals, TOC, PCB's							
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	Name	Signature		Eagon & Associates, Inc.				
10/15/14	Nelson Novak	Nelson Novak		Company				

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point:

MP-281C

WELL DATA	Water-Level Date (MM DD YY)	<u>10/13/14</u>	Water-Level Time (2400 Hr. Clock)	<u>0907</u>	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.	LF	X = Other	
	Well Elevation (at TOC)	<u>9114112</u> (ft/msl)	Depth to Water (DTW) (from TOC)	<u>26011</u> (ft)	Groundwater Elevation (site datum, from TOC)	<u>8941111</u> (ft/msl)		
PURGE SAMPLE EQUIPMENT	Total Well Depth (from TOC)	<u>6283</u> (ft)	Water Column Height (well depth - DTW)	<u>4279</u> (ft)	Casing ID	<u>b12</u> (in)		
	Purging and Sampling Equipment...Dedicated	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0458	μ (circle or fill in)		
Purging Device	<input checked="" type="checkbox"/>	A-Submersible Pump	D-Bailer	A-P1200M (495 ml)	O-P1130 (130 ml)			
Sampling Device	<input checked="" type="checkbox"/>	B-Peristaltic Pump	E-Piston Pump	B-P1101M (395 ml)	X-Other			
X-Other	—	C-QED Bladder Pump	F-Dipper/Bottle	A-3/8 inch (22 ml/min)	C-0.17 inch (4.5 ml/min)			
PURGE INFO	<u>10/15/14</u>	<u>0855</u>	<u>0026</u>	<u>30</u>	<u>186</u>	<u>88</u>		
	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr. Clock)	ELAPSED HRS (hrs:min)	WATER VOL (X Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (Liter/Gallons)	(MM/P/TUBING:WELL) VOLS PURGED (optional)		
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	VOL Purged <small>(1: Gals)</small> circle one	pH (std)	Conductance (mhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
	<u>0855</u>	<u>119186</u>	<u>140</u>	<u>7113</u>	<u>11374</u>	<u>139</u>	<u>++</u>	<u>400</u>
	<u>0905</u>	<u>120101</u>	<u>60</u>	<u>7113</u>	<u>113812</u>	<u>140</u>	<u>++</u>	<u>400</u>
	<u>0910</u>	<u>1210103</u>	<u>80</u>	<u>7112</u>	<u>113818</u>	<u>140</u>	<u>++</u>	<u>400</u>
	<u>0915</u>	<u>1210105</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>400</u>
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<small>Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).</small>								
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED <small>(1: Gals)</small> circle one	pH (std)	CONDUCTANCE (mhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
	<u>10/15/14</u>	<u>0915</u>	<u>80</u>	<u>7112</u>	<u>11388</u>	<u>140</u>	<u>0911</u>	<u>400</u>
FIELD COMMENTS	Sample Appearance: <u>—</u> Odor: <u>None</u> color: <u>Clear</u> Other: <u>—</u>							
	Weather Conditions (at sample time): Wind Speed/Direction: <u>0-5 W</u> Air Temp: <u>55°F</u> Precipitation: <u>Y</u> or <u>N</u>							
	Specific Comments (including purge/well volume calculations if required): <u>D.O. (mg/L): 0.09</u> <u>ORP (mV): -59.7</u>							
	<u>Samples Collected = DMP1bcs / Dissolved Metals, TOC, PCB's</u>							
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	Name	Signature		Eagon & Associates, Inc. Company				

FIELD INFORMATION FORM

Site Name:		CECOS - Aber Rd		Sample Point:	MS/MSD-DNP			
WELL DATA	Water-Level Date	MM DD YY	Water-Level Time	2400 Hr Clock	Purge/Sample Method:	X = Other LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.		
	Well Elevation (at TOC)	(ft/msl)	Depth to Water (DTW) (from TOC)	(ft)	Groundwater Elevation (site datum, from TOC)	(ft/msl)		
	Total Well Depth (from TOC)	(ft)	Water Column Height (well depth - DTW)	(ft)	Casing ID	(in)		
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.45 μ l or <input type="checkbox"/> μ l (circle or fill in)		
	Purging Device	A-Submersible Pump B-Peristaltic Pump Sampling Device	D-Baller E-Piston Pump F-Dipper/Bottle X-Other	Pump Type (Vol.)	A-P1200M (495 ml) B-P1101M (395 ml) A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft)	C-P1150 (130 ml) X-Other C-0.17 inch (4.5 ml/ft) X-Other		
	TUBING ID (Vol/ft)							
	PURGE INFO	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hr Clock)	ELAPSED HRS (hrs:min)	WATER VOL. (L:Gal) IN (PUMP/TURNG: WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters: Gallons) circle one	(PUMP/TURNG: WELL) VOL'S PURGED (optional)	
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol. Pурged (L : Gals) circle one	pH (std)	Conductance (µmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
	Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).							
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr Clock)	VOL PURGED (L Gal)	pH (std)	CONDUCTANCE (µmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
	10/15/14	09:15	80	7.12	11388	14.0	0911	406
circle one								
FIELD COMMENTS	Sample Appearance:		Odor:		Color:		Other:	
	—		None		Clear		—	
	Weather Conditions (at sample time): Wind Speed/Direction:		0-5 W		Air Temp:		55°F	
	Precipitation:		0.00 in					
Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.09 ORP (mV): -59.7 MS/MSD collected from DNP Well MP-281C								
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	Name	Signature		Eagon & Associates, Inc.		Company		
10/15/14	Nelson Novak	Nelson Novak						

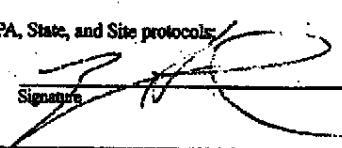
FIELD INFORMATION FORM

Site Name:	CECOS - Aber Rd		Sample Point:	M-404A							
WELL DATA	Water-Level Date (MM DD YY)	10/13/14	Water-Level Time (2400 Hr. Clock)	09:21	Purge/Sample Method: LP = Low Flow P = Passive Dry = Dry 3-S = 3-S well vols.						
	Well Elevation (at TOC)	191509 (ft/msl)	Depth to Water (DTW) (from TOC)	1811 (ft)	Groundwater Elevation (site datum, from TOC)	90699 (ft/msl)					
	Total Well Depth (from TOC)	2040 (ft)	Water Column Height (well depth - DTW)	11229 (ft)	Casing ID	04 (in)					
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N (0.45) or <input type="checkbox"/> μ (circle or fill in)						
	Purging Device	<input checked="" type="checkbox"/> C	A-Submersible Pump B-Peristaltic Pump Sampling Device	D-Bailer E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	<input checked="" type="checkbox"/> B A-P1200M (495 ml) B-P110IM (395 ml) X-Other					
	X-Other				Tubing ID (Vol/Ft)	<input checked="" type="checkbox"/> B A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) X-Other					
PURGE INFO	PURGE DATE (MM DD YY)	10/14/14	START PURGE TIME (2400 Hr. Clock)	1205	ELAPSED HRS (hrs:min)	00:24	WATER VOL (L:Gal) IN (PURGE/TUBING/WELL CASING) circle one of each	150 L	ACTUAL VOL PURGED (Liter Gallons) circle one	DRY	19 (optional)
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol. Purged (L: Gal) circle one	pH (std)	Conductance (micros/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)			
	13:05	802	1150	7.29	11271	16.7	12519	100			
	13:29	DRY	1150	7.29	11271	16.7	12519	100			
	12:40	112111	@ sample	7.29	11271	16.7	12519	100			
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).											
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L: Gal) circle one	pH (std)	CONDUCTANCE (micros/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)			
	10/15/14	1240	1150	7.29	11271	16.7	12519	100			
FIELD COMMENTS	Sample Appearance:		—	Odor:	None,	Color:	Clear	Other:	—		
	Weather Conditions (at sample time): Wind Speed/Direction:		O-S/W	Air Temp:	60°F	Precipitation:	<input checked="" type="checkbox"/> Y or N				
	Specific Comments (including purge/well volume calculations if required):		D.O. (mg/L): 1.05 ORP (mV): 31.4								
	Well volume = 12.34 x 0.163 = 2.1 x 3,785 = 7.7 L										
	purged dry @ 15.0L, let well recover overnight										
Samples collected: DMP VOC's / Dissolved Metals, TOC, PCB's											
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:											
Date	Name	Signature		Eagon & Associates, Inc.							
10/15/14	Nelson Novak	Nelson Novak		Company							

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: FIELD BLANK - DMP

WELL DATA	Water-Level Date	<input type="text"/>	Water-Level Time	<input type="text"/>	Purge/Sample Method:	X = Other L = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vols.			
	Well Elevation (at TOC)	<input type="text"/>	Depth to Water (DTW) (from TOC)	<input type="text"/>	Groundwater Elevation (site datum, from TOC)	<input type="text"/>			
	Total Well Depth (from TOC)	<input type="text"/>	Water Column Height (well depth - DTW)	<input type="text"/>	Casing ID	<input type="text"/>			
	Purging and Sampling Equipment...Dedicated Purging Device Sampling Device X-Other	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N		Filter Device Pump Type (Vol) Tubing ID (Vol/Pt)	<input type="checkbox"/> Y or <input type="checkbox"/> N	0.45 μ or <input type="checkbox"/> μ (circle or fill in)			
<u>LAB SUPPLIED DI WATER</u>									
PURGE SAMPLE EQUIPMENT INFO	PURGE DATE (MM DD YY)	<input type="text"/>	START PURGE TIME (2400 Hr. Clock)	<input type="text"/>	ELAPSED HRS (hr:min)	<input type="text"/>	WATER VOL (L:Gal) IN (PUMP/TUBING:WELL CASING) circle one of each	ACTUAL VOL PURGED (Liters:Gallons) circle one	(PUMP/TUBING:WELL) VOL'S PURGED (optional)
	Time (2400 Hr Clock)	DTW (ft)	Vol. Parged (L: Gal) circle one	pH (std)	Conductance (μ mhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)	
STABILIZATION DATA	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	
	Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).								
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED (L-Gal) circle one	pH (std)	CONDUCTANCE (μ mhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)	
	10/15/14	11:45	<input type="text"/>	8.06	327	15.8	0.89	<input type="text"/>	
FIELD COMMENTS	Sample Appearance: —		Odor: <u>NONE</u>		Color: <u>CLEAR</u>		Other: —		
	Weather Conditions (at sample time): Wind Speed/Direction:				Air Temp:		Precipitation: <input type="checkbox"/> Y or <input type="checkbox"/> N		
	Specific Comments (including purge/well volume calculations if required): <u>D.O. (mg/l): 6.71</u> <u>ORP (mV): +56.8</u>								
	<u>* Field BLANK COLLECTED NEAR SAMPLING OFFICE BY PAVING LAB - SUPPLIED DI WATER INTO SAMPLE BOTTLES</u>								
	<u>I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:</u>								
Date: <u>10/15/14</u>	Name: <u>Gian Hansen</u>	Signature: 		Company: <u>Eagon & Associates, Inc.</u>					

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-213A

WELL DATA	Water-Level Date (MM DD YY)	10/13/14	Water-Level Time (2400 Hr Clock)	09:48	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3.5 = 3.5 well vols.	LF	X = Other					
	Well Elevation (at TOC)	91298 (ft/msl)	Depth to Water (DTW) (from TOC)	1949 (ft)	Groundwater Elevation (site datum, from TOC)	99349 (ft/msl)						
	Total Well Depth (from TOC)	3250 (ft)	Water Column Height (well depth - DTW)	1301 (ft)	Casing ID	04 (in)						
	PURGING EQUIPMENT	Purging and Sampling Equipment..Dedicated	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.45 μ or _____ μ (circle or fill in)						
Purging Device	<input checked="" type="checkbox"/> G	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Boiler E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	<input checked="" type="checkbox"/> B	A-P1200M (495 ml) B-P110IM (395 ml) C-0.17 inch (4.5 ml/ft) X-Other	C-P1150 (130 ml)					
Sampling Device	<input checked="" type="checkbox"/> C			Tubing ID (Vol/Ft)	<input checked="" type="checkbox"/> B	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft) X-Other						
PURGE INFO	PURGE DATE (MM DD YY)	10/15/14	START PURGE TIME (2400 Hz Clock)	11:50	ELAPSED HRS (hrs:min)	00:20	WATER VOL (L:Gal) IN (PURGE TO WELL CASING) circle one of each	1071	ACTUAL VOL PURGED (L:Gal: Gallons)	130	(PURGING:WELL) VOLS PURGED (optional)	1114
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Purged (L: Gals) circle one	pH (std.)	Conductance (mhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)				
	11:50	1925	140	6.54	1359.2	13.8	111	4010				
	12:00	1931	140	6.54	1358.8	13.8	111	4010				
	12:05	1933	160	6.54	1358.5	13.8	111	4010				
	12:10	1934	180	6.53	1358.5	13.8	1143.0	4010				
	11:50	1925	140	6.54	1359.2	13.8	111	4010				
	12:00	1931	140	6.54	1358.8	13.8	111	4010				
	12:05	1933	160	6.54	1358.5	13.8	111	4010				
	12:10	1934	180	6.53	1358.5	13.8	1143.0	4010				
	11:50	1925	140	6.54	1359.2	13.8	111	4010				
	12:00	1931	140	6.54	1358.8	13.8	111	4010				
	12:05	1933	160	6.54	1358.5	13.8	111	4010				
	12:10	1934	180	6.53	1358.5	13.8	1143.0	4010				
	11:50	1925	140	6.54	1359.2	13.8	111	4010				
	12:00	1931	140	6.54	1358.8	13.8	111	4010				
12:05	1933	160	6.54	1358.5	13.8	111	4010					
12:10	1934	180	6.53	1358.5	13.8	1143.0	4010					
Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).												
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hz Clock)	VOL PURGED (L: Gal)	pH (std.)	CONDUCTANCE (mhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)				
	10/15/14	12:10	180	6.53	1358.5	13.8	1430	4010				
circle one												
FIELD COMMENTS	Sample Appearance:		Odor:		Color:		Other:					
	None		None		Clear		-					
	Weather Conditions (at sample time): Wind Speed/Direction:		O-S/W		Air Temp:		50°F		Precipitation: N or N			
	Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 0.04 ORP (mV): 15.2											
Samples Collected: DMP VOC's/Dissolved Metals, TOC, PCB's												
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:												
Date	Name	Signature		Signature		Signature		Eagon & Associates, Inc. Company				

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-238R

WELL DATA	Water-Level Date (MM DD YY)	11/13/14	Water-Level Time (2400 Hr. Clock)	14:33	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-S = 3-S well vols.	LF	X = Other		
	Well Elevation (at TOC)	91531 (ft/msl)	Depth to Water (DTW) (from TOC)	1809 (ft)	Groundwater Elevation (site datum, from TOC)	89722 (ft/msl)			
	Total Well Depth (from TOC)	6150 (ft)	Water Column Height (well depth - DTW)	4341 (ft)	Casing ID	04 (ft)			
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device	<input checked="" type="checkbox"/> B or <input type="checkbox"/> N	<input checked="" type="checkbox"/> 10.45 μ or <input type="checkbox"/> μ (circle or fill in)			
	Purging Device	C	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Boiler E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	<input checked="" type="checkbox"/> B	A-P1200M (495 ml) B-P1101M (395 ml)		
	Sampling Device	C			Tubing ID (Vol/Ft)	<input checked="" type="checkbox"/> B	C-P1150 (130 ml) X-Other		
	X-Other						A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft)	C-0.17 inch (4.5 ml/ft) X-Other	
PURGE INFO	PURGE DATE (MM DD YY)	11/15/14	START PURGE TIME (2400 Hr. Clock)	13:31	ELAPSED HRS (hr:min)	0:30	WATER VOL (21 Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (1000 Gallons) circle one	(PUMP/TUBING WELL) VOLS PURGED (optional)
	Time (2400 Hr Clock)	DTW (ft)	Vol. Purged <small>(21 Gal)</small> circle one	pH (std)	Conductance (μmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)	
STABILIZATION DATA	11/12/14	118018	8.0	7.5	11025	15.0	110	100	
	11/13/14	1181411	8.0	7.5	11025	15.0	110	100	
	11/14/14	1181416	8.0	7.5	11025	15.0	110	100	
	11/15/14	1181511	8.0	7.5	11025	15.0	110	100	
	11/16/14	1181516	8.5	7.5	11025	15.0	110	100	
	11/17/14	1181521	8.5	7.5	11025	15.0	110	100	
	11/18/14	1181526	8.5	7.5	11025	15.0	110	100	
	11/19/14	1181601	8.5	7.5	11025	15.0	110	100	
	11/20/14	1181606	8.5	7.5	11025	15.0	110	100	
	11/21/14	1181611	8.5	7.5	11025	15.0	110	100	
Suggested ranges for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).									
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr. Clock)	VOL PURGED <small>(21 Gal)</small> circle one	pH (std)	CONDUCTANCE (μmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)	
	11/10/14	11:40	90	7.54	11025	16.0	6.85	100	
<small>3AOG circle one</small>									
FIELD COMMENTS	Sample Appearance:		—	Odor:	None	Color:	Clear	Other:	—
	Weather Conditions (at sample time): Wind Speed/Direction:		~0-5 mph / S	Air Temp:	~60°F	Precipitation:	<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N		
	Specific Comments (including purge/well volume calculations if required):		D.O. (mg/L): 0.48 ORP (mV): +19.5						
	Samples Collected Diss VOCs / Diss Metals, TOC / PCBs								
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:									
Date	Name			Signature	Eagon & Associates, Inc.				
10/15/14	NEEL A. KAROJ			Mark A. Z.	Company				

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point:

MP-403A

FIELD INFORMATION FORM								
Site Name: CECOS - Aber Rd				Sample Point: MP-403A				
WELL DATA	Water-Level Date (MM DD YY)	110 113 114	Water-Level Time (2400 Hr Clock)	09:17	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3-5 well vol.	DRY	X = Other	
	Well Elevation (at TOC)	91237 (ft/msl)	Depth to Water (DTW) (from TOC)	931 (ft)	Groundwater Elevation (site datum, from TOC)	90306 (ft/msl)		
	Total Well Depth (from TOC)	1810 (ft)	Water Column Height (well depth - DTW)	939 (ft)	Casing ID	02 (in)		
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	0.45L	<input type="checkbox"/> μ (circle or fill in)		
	Purging Device	<input checked="" type="checkbox"/> C	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Bottle E-Piston Pump F-Dipper/Bottle	Pump Type (Vol)	<input checked="" type="checkbox"/> C	A-P1200M (495 ml) B-P1101M (395 ml)	
	Sampling Device	<input checked="" type="checkbox"/> C			Tubing ID (Vol/Ft)	<input checked="" type="checkbox"/> C	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft)	
	X-Other						C-0.17 inch (4.5 ml/ft) X-Other	
PURGE INFO	PURGE DATE (MM DD YY)	110 114 114	START PURGE TIME (2400 Hr Clock)	13:36	ELAPSED HRS (hrs:min)	0:17	WATER VOL (L:Gal) IN PUMP/TUBING/WELL/CASING <i>(circle one of each)</i>	
							ACTUAL VOL PURGED (Liter/Gallons)	
							(PUMP/TUBING:WELL) VOLS PURGED <i>(optional)</i>	
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	VOL Purged <i>(circle one</i>	pH (std)	Conductance (microhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
	1131314	18917	1010	++	1111	+1	+1	++
	1131316	SIT A/R IT	1010	++	1111	++	++	++
	1131513	1111111	195	++	1111	++	++	++
	1131218	18910	0.15gpmle	6.99	129910	116.4	139.6	++
Suggested range for 3 consecu. readings or Permit/State requirements may be entered in spaces provided above (optional).								
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hr Clock)	VOL PURGED <i>(circle one</i>	pH (std)	CONDUCTANCE (microhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
	110 115 114	1328	95	6.99	129910	164	39.6	++
<i>circle one</i>								
FIELD COMMENTS	Sample Appearance:		Odor:	None	Color:	SH. Cloudy	Other:	—
	Weather Conditions (at sample time): Wind Speed/Direction:		N-S - 10 mph / SW		Air Temp:	~60°F	Precipitation:	<input checked="" type="checkbox"/> Y or N
	Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 3.13							
	$18.70 - 9.31 = 9.39 \times 0.163 = 1.6 \times 3.785 =$ ORP (mV): +28.1							
	5.8 Liters							
<i>Sample Collected</i> <i>Dmp VOCs / Diss. Metals</i> <i>TOC / PCBs</i>								
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	10/15/14		Name	Andrew Graham		Signature	Eagon & Associates, Inc.	
Company								

FIELD INFORMATION FORM

Site Name: CECOS - Aber Rd

Sample Point: MP-214BR

WELL DATA	Water-Level Date (MM DD YY)	110113114	Water-Level Time (2400 Hz Clock)	09:20	Purge/Sample Method: LF = Low Flow P = Passive Dry = Dry 3-5 = 3.5 well vols.	DRY	X = Other	
	Well Elevation (at TOC)	91029	Depth to Water (DTW) (from TOC)	1643 (ft)	Groundwater Elevation (site datum, from TOC)	89386	(ft/msl)	
	Total Well Depth (from TOC)	3020 (ft)	Water Column Height (well depth - DTW)	1377 (ft)	Casing ID	04 (in)		
PURGE SAMPLE EQUIPMENT	Purging and Sampling Equipment...Dedicated		<input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	Filter Device <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N	(0.45μ) or	μ (circle or fill in)		
	Purging Device	<input checked="" type="checkbox"/> C	A-Submersible Pump B-Peristaltic Pump C-QED Bladder Pump	D-Boiler E-Piston Pump F-Dripper/Bottle	Pump Type (Vol)	<input checked="" type="checkbox"/> B	A-P1200M (495 ml) B-P1101M (395 ml)	C-P1150 (130 ml)
	Sampling Device	<input checked="" type="checkbox"/> C			Tubing ID (Vol/Ft)	<input checked="" type="checkbox"/> B	A-3/8 inch (22 ml/ft) B-1/4 inch (10 ml/ft)	X-Other
	X-Other						C-0.17 inch (4.5 ml/ft)	X-Other
PURGE INFO	110115114	0815	048	341	499	146		
	PURGE DATE (MM DD YY)	START PURGE TIME (2400 Hz Clock)	ELAPSED HRS (hrs:min)	WATER VOL (L/Gal) IN (PUMP/TUBING/WELL CASING) circle one of each	ACTUAL VOL PURGED (L/min. Gallons) circle one	(PUMP/TUBING/WELL VOLS PURGED (optional)		
STABILIZATION DATA	Time (2400 Hr Clock)	DTW (ft)	Vol Purged (L: Gals) circle one	pH (std)	Conductance (μmhos/cm)	Temp (°C)	Turbidity (ntu)	Rate (ml/min)
	018114	116118	1010	7	3564	141	8946	+
	018115	SITIAIRIT	141919	7	3564	141	8946	+
	0191013	1DIRIYI	141919	7	3564	141	8946	+
	1141016	1171414	0gambic	7101	3564	141	8946	+
	Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).							
FIELD DATA	SAMPLE DATE (MM DD YY)	SAMPLE TIME (2400 Hz Clock)	VOL PURGED (L: Gals) circle one	pH (std)	CONDUCTANCE (μmhos/cm)	TEMP (°C)	TURBIDITY (ntu)	RATE (ml/min)
	110115114	1406	499	701	3564	141	8946	+
Sample Appearance: — Odor: None Color: Slt. Cloudy Other: —								
Weather Conditions (at sample time): Wind Speed/Direction: ~0-5 mph /S Air Temp: 60°F Precipitation: <input checked="" type="checkbox"/> or N								
Specific Comments (including purge/well volume calculations if required): D.O. (mg/L): 1.99 ORP (mV): +5.2 $30.20 - 16.43 = 13.77 \times 0.163 = 9.0 \times 3.785 = 34.1$ Liters Samples Collected DNP VOCs Diss Metals								
Purged day @ 49.9 Liters TOC PCBs								
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:								
Date	Name	Signature		Eagon & Associates, Inc. Company				

I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols:

10/15/14 Andrea Graham
Date Name

elad

Eagon & Associates, Inc.

FIELD METER CALIBRATION RECORD

Project Name: *CECOS-Aber Rd Facility*

Sampler(s):

A. Graham

pH Meter(s): Make/Model/Serial No: In-Situ Smartron / BZ1303B

Buffer Brand/Expiration: pH 4 IE-2/16; pH 7 IE-2/2/16; pH 10 12/12/15

Conductivity/Temp. Meter(s): Make/Model/Serial No: IN-SITU SMART-CELL B21303B

Make/Model/Serial No: In-Situ Smartcell B21303B

Cond. Solution Brand/Expiration: TE - 3/15/15

Cond. Solution Value (@ 25 °C): 413

Turbidity Meter(s): Make/Model/Serial No.: HACH 2100P / 08030C028171

Sampler (Name): Andrew Spahn

Sampler (Signature):

[Signature]

Sampler (Name):

Sampler (Signature):

FIELD METER CALIBRATION RECORD

Project Name: *CECOS - Aber Rd Facility*

Sampler(s):

A. GRAHAM

D.O. Meter(s): Make/Model/Serial No: IN-SITU SMARTNOCK / BZ1303B

Zero-O₂ Solution Brand/Expiration: NA / NA

O.R.P. Meter(s):

Make/Model/Serial No: JAN-SITU SMARTROLL / B21303B

Solution Brand/Expiration: HORIBA / NoA

Solution Value (@ 25 °C): +89.0

Other Meter(s):

Make/Model/Serial No.:

Sampler (Name): Andrew Graham

Sampler (Signature):



Sampler (Name): _____

Sampler (Signature):

FIELD METER CALIBRATION RECORD

Project Name: *CECOS-Aber Rd Facility*

Sampler(s):

Nelson Novak

pH Meter(s): Make/Model/Serial No: In-Situ Smartroll / B21351B

Buffer Brand/Expiration: pH 4 JE-2/18/15; pH 7 JE-2/7/16; pH 10 JE 12/12/15

Conductivity/Temp. Meter(s): Make/Model/Serial No: In-Situ Smartroll / B21351B

Cond. Solution Brand/Expiration: IE- 3 /15 /15 Cond. Solution Value (@ 25 °C): 1413

Turbidity Meter(s): Make/Model/Serial No.:

HACH 2100P 090806037691

Sampler (Name): Nelson Novak

Sampler (Signature):

—

Sampler (Name):

Sampler (Signature):

FIELD METER CALIBRATION RECORD

Project Name: *CECOS - Aber Rd Facility*

Sampler(s):

Nelson Novak

D.O. Meter(s): Make/Model/Serial No: IN SITU SMARTROLL/B2135B

Zero-O₂ Solution Brand/Expiration: MA / MA

O.R.P. Meter(s):

Make/Model/Serial No: INSITU SMARTROLL B213S1B

Solution Brand/Expiration: HORIBA / NA

Solution Value (@ 25 °C): 89.0

Date	Time	Calibrate/Check	ORP Standard @ Temp. (mV)	ORP Result (millivolts)	Temp. of Solution (°C)	Notes:
10/13/14	1344	calibrate	95.0	95.0	20.90	
10/14/14	6742	calibrate	95.0	95.0	20.29	
10/15/14		calibrate	95.0	95.3	17.61	

Other Meter(s):

Make/Model/Serial No.:

Sampler (Name): Nelson Novak

Sampler (Signature):

Dean Rector

Player (Name):

Sampler (Signature):

FIELD METER CALIBRATION RECORD

Project Name: CECOS-Aber Rd Facility Sampler(s): NICK KAROW

pH Meter(s): Make/Model/Serial No: In-Situ SMARTROLL / B21352B

Buffer Brand/Expiration: pH 4 IE - 2/19/15; pH 7 IE - 2/7/16; pH 10 _____

Date	Time	Calibrate/Check	pH 4 Buffer Result (S.U.)	pH 7 Buffer Result (S.U.)	pH 10 Buffer Result (S.U.)	Temp. of Cal. Soln' (°C)
10/13/14	1328	CALIBRATE	4.00	7.02	10.04	20.7
10/14/14	0725	CALIBRATE	4.00	7.02	10.05	21.3
10/14/14	12:51	Calibrate	4.00	7.02	10.01	21.2
10/15/14	0720	CALIBRATE	4.00	7.02	10.01	18.7

Conductivity/Temp. Meter(s): Make/Model/Serial No: In-Situ SMARTROLL / B21352B

Cond. Solution Brand/Expiration: IE - 3/15/15 Cond. Solution Value (@ 25 °C): 1413

Date	Time	Calibrate/Check	Cond. Standard Result (μmhos/cm)	Temp. of Cond. Soln' (°C)	Notes:
10/13/14	1332	CALIBRATE	1413	20.6	
10/14/14	0732	CALIBRATE	1412	21.1	
10/14/14	12:55	Calibrate	1413	21.1	
10/15/14	0733	CALIBRATE	1413	18.2	

Turbidity Meter(s): Make/Model/Serial No.: Hach 2100P / 090100034345

Date	Time	Calibrate/Check	Gel Value (NTU)	Reading (NTU)	Notes:
10/13/14	1345	CHECK	5.32	5.42	
10/14/14	0715	CHECK	5.32	5.39	
10/14/14	1301	CHECK	5.32	5.37	
10/15/14	0745	CHECK	5.32	5.42	

Sampler (Name): Nick A KAROW Sampler (Signature): nick a k

Sampler (Name): _____ Sampler (Signature): _____

FIELD METER CALIBRATION RECORD

Project Name: *CECOS - Aber Rd Facility*

Sampler(s): NALK LATZON

NICK KARZOS

D.O. Meter(s): Make/Model/Serial No: IN-SITU SMARTROLL / 13213523

Zero-O₂ Solution Brand/Expiration: NA / NA

O.R.P. Meter(s):

Make/Model/Serial No: IN-5770 SMARTROLE / B21352B

Solution Brand/Expiration: HONIBA / NA

Solution Value (@ 25 °C): 89.0

Other Meter(s):

Make/Model/Serial No.:

Sampler (Name): Neil A Karas

Sampler (Signature):

Sampler (Name):

Sampler (Signature):

FIELD METER CALIBRATION RECORD

Project Name: CECOS-Aber Rd Facility Sampler(s): Chris Goveas

pH Meter(s): Make/Model/Serial No: IN-SITU SMARTROLL / B243DZB

Buffer Brand/Expiration: pH 4 IE - Z19/15; pH 7 IE - Z17/16; pH 10

Date	Time	Calibrate/Check	pH 4 Buffer Result (S.U.)	pH 7 Buffer Result (S.U.)	pH 10 Buffer Result (S.U.)	Temp. of Cal. Soln' (°C)
10/13/14	13:28	Calibrate	4.00	7.00	—	20.8
10/14/14	07:31	Calibrate	4.00	7.00	—	20.8
10/14/14	12:56	Calibrate	—	7.00	10.01	21.2
10/15/14	07:37	Calibrate	—	7.00	10.01	18.5

Conductivity/Temp. Meter(s): Make/Model/Serial No: IN-SITU SMARTROLL / B21302B

Cond. Solution Brand/Expiration: IE - 3/15/15 Cond. Solution Value (@ 25 °C): 1413

Date	Time	Calibrate/Check	Cond. Standard Result ($\mu\text{mhos/cm}$)	Temp. of Cond. Soln' ($^{\circ}\text{C}$)	Notes:
10/13/14	13:35	Calibrate	1411	20.8	
10/14/14	07:34	Calibrate	1412	20.8	
10/14/14	13:02	Calibrate	1413	21.1	
10/15/14	07:40	Calibrate	1413	18.1	

Turbidity Meter(s): Make/Model/Serial No.: HACH 2100P / 09080C037615

Sampler (Name): Chris Gordon Sampler (Signature): Chris Gordon

Sampler (Name): _____ Sampler (Signature): _____

FIELD METER CALIBRATION RECORD

Project Name: *CECOS - Aber Rd Facility*

Sampler(s):

Chris Gordon

D.O. Meter(s): Make/Model/Serial No: In-Situ SmartTroll | 3213DZB

Zero-O₂ Solution Brand/Expiration: Hypo-Saline / 1

O.R.P. Meter(s):

Make/Model/Serial No: TN-Sith / SMARTROLL BZ1302B

Solution Brand/Expiration: Hospira / NA

Solution Value (@ 25 °C): 89.0

Other Meter(s):

Make/Model/Serial No.:

Sampler (Name): Chris Gordon

Sampler (Signature):

Sampler (Name):

Sampler (Signature):

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Buffalo

10 Hazelwood Drive

Amherst, NY 14228-2298

Tel: (716)691-2600

TestAmerica Job ID: 480-73309-1

Client Project/Site: Aber Rd. Landfill - DMP resampling

For:

Republic Services Inc

5092 Aber Road

Williamsburg, Ohio 45176

Attn: Mr. Dan Deborde



Authorized for release by:

12/30/2014 11:24:09 AM

Brian Fischer, Manager of Project Management

(716)504-9835

brian.fischer@testamericainc.com

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The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.



Brian Fischer
Manager of Project Management
12/30/2014 11:24:09 AM

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Definitions/Glossary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP resampling

TestAmerica Job ID: 480-73309-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits

Glossary

Abbreviation These commonly used abbreviations may or may not be present in this report.

□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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Case Narrative

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP resampling

TestAmerica Job ID: 480-73309-1

Job ID: 480-73309-1

Laboratory: TestAmerica Buffalo

Narrative

Job Narrative 480-73309-1

Comments

No additional comments.

Receipt

The sample was received on 12/19/2014 10:00 AM; the sample arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 3.4° C.

GC/MS VOA

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 220699 recovered outside acceptance criteria, low biased, for Chloromethane. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.

Method(s) 8260C: The continuing calibration verification (CCV) associated with batch 220699 recovered above the upper control limit for Vinyl Acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following samples are impacted: (CCVIS 480-220699/3).

Method(s) 8260C: The laboratory control sample (LCS) for batch 220699 recovered outside control limits for the following analytes: Vinyl Acetate. These were not requested spike compounds; therefore, the data have been qualified and reported. (LCS 480-220699/5)

Method(s) 8260C: The method blank for preparation batch 220699 contained 1,4-Dioxane above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP resampling

TestAmerica Job ID: 480-73309-1

Client Sample ID: MP-408

Lab Sample ID: 480-73309-1

Date Collected: 12/18/14 11:15

Matrix: Water

Date Received: 12/19/14 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		2.0	0.35	ug/L			12/24/14 04:10	1
1,1,1-Trichloroethane	ND		2.0	0.82	ug/L			12/24/14 04:10	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.21	ug/L			12/24/14 04:10	1
1,1,2-Trichloroethane	ND		2.0	0.23	ug/L			12/24/14 04:10	1
1,1-Dichloroethane	ND		2.0	0.38	ug/L			12/24/14 04:10	1
1,1-Dichloroethene	ND		2.0	0.29	ug/L			12/24/14 04:10	1
1,2,3-Trichloropropane	ND		2.0	0.89	ug/L			12/24/14 04:10	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			12/24/14 04:10	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			12/24/14 04:10	1
1,2-Dichloroethane	ND		2.0	0.21	ug/L			12/24/14 04:10	1
1,2-Dichloroethene, Total	ND		2.0	0.81	ug/L			12/24/14 04:10	1
1,2-Dichloropropane	ND		2.0	0.72	ug/L			12/24/14 04:10	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			12/24/14 04:10	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			12/24/14 04:10	1
1,4-Dioxane	ND		40	9.3	ug/L			12/24/14 04:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			12/24/14 04:10	1
Chloroprene	ND		2.0	0.49	ug/L			12/24/14 04:10	1
2-Hexanone	ND		10	1.2	ug/L			12/24/14 04:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			12/24/14 04:10	1
Acetone	ND		10	3.0	ug/L			12/24/14 04:10	1
Acetonitrile	ND		170	4.9	ug/L			12/24/14 04:10	1
Acrolein	ND		20	0.91	ug/L			12/24/14 04:10	1
Acrylonitrile	ND		20	0.83	ug/L			12/24/14 04:10	1
Benzene	ND		2.0	0.41	ug/L			12/24/14 04:10	1
Bromoform	ND		2.0	0.26	ug/L			12/24/14 04:10	1
Bromomethane	ND		2.0	0.69	ug/L			12/24/14 04:10	1
Carbon disulfide	ND		2.0	0.19	ug/L			12/24/14 04:10	1
Carbon tetrachloride	ND		2.0	0.27	ug/L			12/24/14 04:10	1
Chlorobenzene	ND		2.0	0.75	ug/L			12/24/14 04:10	1
Dibromochloromethane	ND		2.0	0.32	ug/L			12/24/14 04:10	1
Chloroethane	ND		2.0	0.32	ug/L			12/24/14 04:10	1
Chloroform	ND		2.0	0.34	ug/L			12/24/14 04:10	1
Chloromethane	ND		2.0	0.35	ug/L			12/24/14 04:10	1
Dibromomethane	ND		2.0	0.41	ug/L			12/24/14 04:10	1
Bromodichloromethane	ND		2.0	0.39	ug/L			12/24/14 04:10	1
Dichlorodifluoromethane	ND		2.0	0.68	ug/L			12/24/14 04:10	1
Ethyl methacrylate	ND		2.0	0.59	ug/L			12/24/14 04:10	1
Ethylbenzene	ND		2.0	0.74	ug/L			12/24/14 04:10	1
Hexachlorobutadiene	ND		1.0	0.28	ug/L			12/24/14 04:10	1
Iodomethane	ND		2.0	0.30	ug/L			12/24/14 04:10	1
Isobutyl alcohol	ND		1000	4.8	ug/L			12/24/14 04:10	1
Methacrylonitrile	ND		10	0.69	ug/L			12/24/14 04:10	1
Methyl methacrylate	ND		10	0.61	ug/L			12/24/14 04:10	1
Methylene Chloride	ND		2.0	0.44	ug/L			12/24/14 04:10	1
Naphthalene	ND		1.0	0.43	ug/L			12/24/14 04:10	1
Pentachloroethane	ND		1.0	0.34	ug/L			12/24/14 04:10	1
Propionitrile	ND		50	5.8	ug/L			12/24/14 04:10	1
Tetrachloroethene	ND		2.0	0.36	ug/L			12/24/14 04:10	1
Tetrahydrofuran	ND		5.0	1.3	ug/L			12/24/14 04:10	1

TestAmerica Buffalo

Client Sample Results

Client: Republic Services Inc

TestAmerica Job ID: 480-73309-1

Project/Site: Aber Rd. Landfill - DMP resampling

Client Sample ID: MP-408

Lab Sample ID: 480-73309-1

Date Collected: 12/18/14 11:15

Matrix: Water

Date Received: 12/19/14 10:00

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		2.0	0.51	ug/L			12/24/14 04:10	1
trans-1,3-Dichloropropene	ND		2.0	0.37	ug/L			12/24/14 04:10	1
trans-1,4-Dichloro-2-butene	ND		5.0	0.22	ug/L			12/24/14 04:10	1
Trichloroethene	ND		2.0	0.46	ug/L			12/24/14 04:10	1
Trichlorofluoromethane	ND		2.0	0.88	ug/L			12/24/14 04:10	1
Vinyl acetate	ND *		10	0.85	ug/L			12/24/14 04:10	1
Vinyl chloride	ND		1.0	0.90	ug/L			12/24/14 04:10	1
Xylenes, Total	ND		3.0	0.66	ug/L			12/24/14 04:10	1
cis-1,3-Dichloropropene	ND		2.0	0.36	ug/L			12/24/14 04:10	1
Styrene	ND		2.0	0.73	ug/L			12/24/14 04:10	1
Allyl chloride	ND		2.0	0.44	ug/L			12/24/14 04:10	1
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)		98		86 - 118				12/24/14 04:10	1
4-Bromofluorobenzene (Surr)		110		86 - 115				12/24/14 04:10	1
Toluene-d8 (Surr)		105		88 - 110				12/24/14 04:10	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	NONE	NONE	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.19				SU			12/18/14 11:15	1
Field Conductivity	3670				umhos/cm			12/18/14 11:15	1
Field Temperature	12.3				Degrees C			12/18/14 11:15	1
Field Turbidity	8.47				NTU			12/18/14 11:15	1

Surrogate Summary

Client: Republic Services Inc

TestAmerica Job ID: 480-73309-1

Project/Site: Aber Rd. Landfill - DMP resampling

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	12DCE (86-118)	BFB (86-115)	TOL (88-110)									
480-73309-1	MP-408	98	110	105									
LCS 480-220699/5	Lab Control Sample	98	111	104									
MB 480-220699/7	Method Blank	99	110	103									

Surrogate Legend

12DCE = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP resampling

TestAmerica Job ID: 480-73309-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-220699/7

Matrix: Water

Analysis Batch: 220699

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	Dil Fac						
	Result	Qualifier		RL	MDL	Unit	D	Prepared	Analyzed
1,1,1,2-Tetrachloroethane	ND		1	2.0	0.35	ug/L		12/23/14 21:08	
1,1,1-Trichloroethane	ND		1	2.0	0.82	ug/L		12/23/14 21:08	
1,1,2,2-Tetrachloroethane	ND		1	2.0	0.21	ug/L		12/23/14 21:08	
1,1,2-Trichloroethane	ND		1	2.0	0.23	ug/L		12/23/14 21:08	
1,1-Dichloroethane	ND		1	2.0	0.38	ug/L		12/23/14 21:08	
1,1-Dichloroethene	ND		1	2.0	0.29	ug/L		12/23/14 21:08	
1,2,3-Trichloropropane	ND		1	2.0	0.89	ug/L		12/23/14 21:08	
1,2,4-Trichlorobenzene	ND		1	1.0	0.41	ug/L		12/23/14 21:08	
1,2-Dichlorobenzene	ND		1	1.0	0.79	ug/L		12/23/14 21:08	
1,2-Dichloroethane	ND		1	2.0	0.21	ug/L		12/23/14 21:08	
1,2-Dichloroethene, Total	ND		1	2.0	0.81	ug/L		12/23/14 21:08	
1,2-Dichloropropane	ND		1	2.0	0.72	ug/L		12/23/14 21:08	
1,3-Dichlorobenzene	ND		1	1.0	0.78	ug/L		12/23/14 21:08	
1,4-Dichlorobenzene	ND		1	1.0	0.84	ug/L		12/23/14 21:08	
1,4-Dioxane	64.7		1	40	9.3	ug/L		12/23/14 21:08	
2-Butanone (MEK)	ND		1	10	1.3	ug/L		12/23/14 21:08	
Chloroprene	ND		1	2.0	0.49	ug/L		12/23/14 21:08	
2-Hexanone	ND		1	10	1.2	ug/L		12/23/14 21:08	
4-Methyl-2-pentanone (MIBK)	ND		1	10	2.1	ug/L		12/23/14 21:08	
Acetone	ND		1	10	3.0	ug/L		12/23/14 21:08	
Acetonitrile	ND		1	170	4.9	ug/L		12/23/14 21:08	
Acrolein	ND		1	20	0.91	ug/L		12/23/14 21:08	
Acrylonitrile	ND		1	20	0.83	ug/L		12/23/14 21:08	
Benzene	ND		1	2.0	0.41	ug/L		12/23/14 21:08	
Bromoform	ND		1	2.0	0.26	ug/L		12/23/14 21:08	
Bromomethane	ND		1	2.0	0.69	ug/L		12/23/14 21:08	
Carbon disulfide	ND		1	2.0	0.19	ug/L		12/23/14 21:08	
Carbon tetrachloride	ND		1	2.0	0.27	ug/L		12/23/14 21:08	
Chlorobenzene	ND		1	2.0	0.75	ug/L		12/23/14 21:08	
Dibromochloromethane	ND		1	2.0	0.32	ug/L		12/23/14 21:08	
Chloroethane	ND		1	2.0	0.32	ug/L		12/23/14 21:08	
Chloroform	ND		1	2.0	0.34	ug/L		12/23/14 21:08	
Chloromethane	ND		1	2.0	0.35	ug/L		12/23/14 21:08	
Dibromomethane	ND		1	2.0	0.41	ug/L		12/23/14 21:08	
Bromodichloromethane	ND		1	2.0	0.39	ug/L		12/23/14 21:08	
Dichlorodifluoromethane	ND		1	2.0	0.68	ug/L		12/23/14 21:08	
Ethyl methacrylate	ND		1	2.0	0.59	ug/L		12/23/14 21:08	
Ethylbenzene	ND		1	2.0	0.74	ug/L		12/23/14 21:08	
Hexachlorobutadiene	ND		1	1.0	0.28	ug/L		12/23/14 21:08	
Iodomethane	ND		1	2.0	0.30	ug/L		12/23/14 21:08	
Isobutyl alcohol	ND		1	1000	4.8	ug/L		12/23/14 21:08	
Methacrylonitrile	ND		1	10	0.69	ug/L		12/23/14 21:08	
Methyl methacrylate	ND		1	10	0.61	ug/L		12/23/14 21:08	
Methylene Chloride	ND		1	2.0	0.44	ug/L		12/23/14 21:08	
Naphthalene	ND		1	1.0	0.43	ug/L		12/23/14 21:08	
Pentachloroethane	ND		1	1.0	0.34	ug/L		12/23/14 21:08	
Propionitrile	ND		1	50	5.8	ug/L		12/23/14 21:08	
Tetrachloroethene	ND		1	2.0	0.36	ug/L		12/23/14 21:08	

TestAmerica Buffalo

QC Sample Results

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP resampling

TestAmerica Job ID: 480-73309-1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-220699/7

Matrix: Water

Analysis Batch: 220699

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier									
Tetrahydrofuran	ND				5.0	1.3	ug/L			12/23/14 21:08	1
Toluene	ND				2.0	0.51	ug/L			12/23/14 21:08	1
trans-1,3-Dichloropropene	ND				2.0	0.37	ug/L			12/23/14 21:08	1
trans-1,4-Dichloro-2-butene	ND				5.0	0.22	ug/L			12/23/14 21:08	1
Trichloroethene	ND				2.0	0.46	ug/L			12/23/14 21:08	1
Trichlorofluoromethane	ND				2.0	0.88	ug/L			12/23/14 21:08	1
Vinyl acetate	ND				10	0.85	ug/L			12/23/14 21:08	1
Vinyl chloride	ND				1.0	0.90	ug/L			12/23/14 21:08	1
Xylenes, Total	ND				3.0	0.66	ug/L			12/23/14 21:08	1
cis-1,3-Dichloropropene	ND				2.0	0.36	ug/L			12/23/14 21:08	1
Styrene	ND				2.0	0.73	ug/L			12/23/14 21:08	1
Allyl chloride	ND				2.0	0.44	ug/L			12/23/14 21:08	1
<hr/>											
Surrogate	MB	MB	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac	
	%Recovery	Qualifier									
1,2-Dichloroethane-d4 (Surr)	99		86 - 118						12/23/14 21:08	1	
4-Bromofluorobenzene (Surr)	110		86 - 115						12/23/14 21:08	1	
Toluene-d8 (Surr)	103		88 - 110						12/23/14 21:08	1	

Lab Sample ID: LCS 480-220699/5

Matrix: Water

Analysis Batch: 220699

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits	%Rec.
		Result	Qualifier					
1,1-Dichloroethene	25.0	24.6		ug/L		98	72 - 127	
Benzene	25.0	25.0		ug/L		100	78 - 124	
Chlorobenzene	25.0	26.8		ug/L		107	78 - 124	
Toluene	25.0	25.6		ug/L		103	77 - 123	
Trichloroethene	25.0	25.3		ug/L		101	75 - 124	
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Surrogate	LCS %Recovery	LCS	LCS	Unit	D	%Rec	Limits	%Rec.
		%Recovery	Qualifier					
1,2-Dichloroethane-d4 (Surr)	98	86 - 118						
4-Bromofluorobenzene (Surr)	111	86 - 115						
Toluene-d8 (Surr)	104	88 - 110						

TestAmerica Buffalo

QC Association Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP resampling

TestAmerica Job ID: 480-73309-1

GC/MS VOA

Analysis Batch: 220699

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-73309-1	MP-408	Total/NA	Water	8260C	
LCS 480-220699/5	Lab Control Sample	Total/NA	Water	8260C	
MB 480-220699/7	Method Blank	Total/NA	Water	8260C	

Field Service / Mobile Lab

Analysis Batch: 220567

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-73309-1	MP-408	Total/NA	Water	Field Sampling	

Lab Chronicle

Client: Republic Services Inc
Project/Site: Aber Rd. Landfill - DMP resampling

TestAmerica Job ID: 480-73309-1

Client Sample ID: MP-408

Lab Sample ID: 480-73309-1

Date Collected: 12/18/14 11:15

Matrix: Water

Date Received: 12/19/14 10:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	220699	12/24/14 04:10	EDB	TAL BUF
Total/NA	Analysis	Field Sampling		1	220567	12/18/14 11:15	FLD	TAL BUF

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Certification Summary

Client: Republic Services Inc

TestAmerica Job ID: 480-73309-1

Project/Site: Aber Rd. Landfill - DMP resampling

Laboratory: TestAmerica Buffalo

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Arkansas DEQ	State Program	6	88-0686	07-06-15
California	State Program	9	1169CA	09-30-15
Connecticut	State Program	1	PH-0568	09-30-16
Florida	NELAP	4	E87672	06-30-15
Georgia	State Program	4	N/A	03-31-15
Georgia	State Program	4	956	03-31-15
Illinois	NELAP	5	200003	09-30-15
Iowa	State Program	7	374	03-01-15
Kansas	NELAP	7	E-10187	01-31-15 *
Kentucky (DW)	State Program	4	90029	12-31-14 *
Kentucky (UST)	State Program	4	30	03-31-15
Kentucky (WW)	State Program	4	90029	12-31-15
Louisiana	NELAP	6	02031	06-30-15
Maine	State Program	1	NY00044	12-04-16
Maryland	State Program	3	294	03-31-15
Massachusetts	State Program	1	M-NY044	06-30-15
Michigan	State Program	5	9937	03-31-15
Minnesota	NELAP	5	036-999-337	12-31-14 *
New Hampshire	NELAP	1	2337	11-17-15
New Jersey	NELAP	2	NY455	06-30-15
New York	NELAP	2	10026	03-31-15
North Dakota	State Program	8	R-176	03-31-15
Oklahoma	State Program	6	9421	08-31-15
Oregon	NELAP	10	NY200003	06-09-15
Pennsylvania	NELAP	3	68-00281	07-31-15
Rhode Island	State Program	1	LAO00328	12-30-14 *
Tennessee	State Program	4	TN02970	03-31-15
Texas	NELAP	6	T104704412-11-2	07-31-15
USDA	Federal		P330-11-00386	11-26-17
Virginia	NELAP	3	460185	09-14-15
Washington	State Program	10	C784	02-10-15
West Virginia DEP	State Program	3	252	12-31-14 *
Wisconsin	State Program	5	998310390	08-31-15

* Certification renewal pending - certification considered valid.

TestAmerica Buffalo

Method Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP resampling

TestAmerica Job ID: 480-73309-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
Field Sampling	Field Sampling	EPA	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = TestAmerica Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

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Sample Summary

Client: Republic Services Inc

Project/Site: Aber Rd. Landfill - DMP resampling

TestAmerica Job ID: 480-73309-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
480-73309-1	MP-408	Water	12/18/14 11:15	12/19/14 10:00

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480-73309 Chain of Custody

		Regulatory Program: <input type="checkbox"/> DW <input type="checkbox"/> NPDES <input checked="" type="checkbox"/> RCRA <input type="checkbox"/> Other: DMP w/ TSCA parameters		Site Contact: Dan Deborde	Date: 12/18/14	COC No: COC 1	
		Tel/Fax: (614) 888-5760/5763	Lab Contact: Brian Fischer	Carrier: FedEx	57228033220	For Lab Use Only: _____	
Eagon & Associates, Inc. 100 Old Wilson Bridge Road Suite 115 Worthington, Ohio 43085		Analysis Turnaround Time		Walk-in Client: _____	Lab Sampling: _____		
(614) 888-5760 Phone (614) 888-5763 FAX		<input checked="" type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS	TAT if different from Below: 21 Days	Job / SDG No.: _____	Sampler: _____		
Project Name: County Agreement Sampling Site: CECOS - Aber Rd PO #		<input type="checkbox"/> 2 weeks <input checked="" type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day	DMP VOCs (8260B) DMP Sample (Y/N)	Sample Specific Notes: VOLs sampled UNRESERVED			
Sample Identification		Sample Date	Sample Time	Type (C=Comp, G=Grab) Matrix	# of Cont.		
MP-408		12/18/14	1115	Grab	GW	3 N X	
<p>Preservation Used: 1=Ice, 2=HCl, 3=HNO3, 4=H2SO4, 5=NaOH, 6=None</p> <p>Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.</p> <p><input checked="" type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown</p> <p>Special Instructions/QC Requirements & Comments: RUSH TAT DUE TO UNRESERVED VOCs</p>							
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temp. (°C): Obs'd: _____	Cont'd: _____	Therm ID No.: _____	
Relinquished by:		Company: Eagon & Associates, Inc.		Date/Time: 12/18/14 1500	Received by:	Company: TA Buff	Date/Time: 12/19/14 1000
Relinquished by:		Company: _____		Date/Time: _____	Received by: _____	Company: _____	Date/Time: _____
Relinquished by:		Company: _____		Date/Time: _____	Received in Laboratory by:	Company: _____	Date/Time: _____



Login Sample Receipt Checklist

Client: Republic Services Inc

Job Number: 480-73309-1

Login Number: 73309

List Source: TestAmerica Buffalo

List Number: 1

Creator: Janish, Carl M

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	EAGON
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

FIELD INFORMATION FORM

Site Name: <u>CECOS - Aber Rd</u>		Sample Point: <u>MP-408</u>							
WELL DATA		Water-Level Date <u>12/18/14</u> (MM DD YY)	Water-Level Time <u>10:40</u> (2400 Hr. Clock)						
		Well Elevation (at TOC) <u>916411</u> (ft/msl)	Depth to Water (DTW) (from TOC) <u>23110</u> (ft)						
		Total Well Depth (from TOC) <u>11500</u> (ft)	Water Column Height (well depth - DTW) <u>9190</u> (ft)						
PURGE EQUIPMENT		Purging and Sampling Equipment...Dedicated <input checked="" type="checkbox"/> A-Submersible Pump <input type="checkbox"/> B-Peristaltic Pump <input type="checkbox"/> C-QED Bladder Pump	Filter Device <input checked="" type="checkbox"/> Y or <input type="checkbox"/> N <u>Y</u> <u>0.45 μm</u> <u>μ</u> (circle or fill in)						
		Purging Device <u>C</u> Sampling Device <u>C</u> X-Other <u>-</u>	D-Bailer E-Piston Pump F-Dipper/Bottle	Pump Type (Vol) <input checked="" type="checkbox"/> L <u>L</u> Tubing ID (Vol/Ft) <u>B</u> A-P1200M (495 ml) B-P1101M (395 ml) C-3/8 inch (22 ml/ft) D-1/4 inch (10 ml/ft)	C-P1150 (130 ml) X-Other C-0.17 inch (4.5 ml/ft) X-Other				
PURGE INFO		<u>12/18/14</u> (MM DD YY)	<u>10:40</u> (2400 Hr. Clock)	<u>0035</u> ELAPSED HRS (hrs:min)	<u>115</u> WATER VOL (L:Gal) IN (PUMP/TUBING:WELL CASING) circle one of each	<u>110</u> ACTUAL VOL PURGED (Liters:Gallons) circle one	<u>73</u> (PUMP/TUBING:WELL) VOLS PURGED (optional)		
STABILIZATION DATA		Time (2400 Hr Clock) <u>10:40</u>	DTW (ft) <u>12310</u>	Purged Vol (L: Gals) circle one <u>180</u>	pH (std) <u>7.20</u>	Conductance (umhos/cm) <u>318910</u>	Temp (°C) <u>13.0</u>	Turbidity (ntu) <u>1++1</u>	Rate (ml/min) <u>4100</u>
		Suggested range for 3 consec. readings or Permit/State requirements may be entered in spaces provided above (optional).							
FIELD DATA		SAMPLE DATE (MM DD YY) <u>12/18/14</u>	SAMPLE TIME (2400 Hr. Clock) <u>11:15</u>	VOL PURGED (L: Gals) circle one <u>1110</u>	pH (std) <u>7.19</u>	CONDUCTANCE (umhos/cm) <u>31670</u>	TEMP (°C) <u>12.3</u>	TURBIDITY (ntu) <u>1847</u>	RATE (ml/min) <u>2100</u>
Comments									
Sample Appearance: <u>---</u> Odor: <u>None</u> Color: <u>Clear</u> Other: <u>-</u>									
Weather Conditions (at sample time): Wind Speed/Direction: <u>0-5 W</u> Air Temp: <u>35°F</u> Precipitation: <u>Y or N</u>									
Specific Comments (including purge/well volume calculations if required): <u>Sample water effervescent</u> <u>samples collected: DNFR VOCs</u>									
I certify that sampling procedures were in accordance with applicable EPA, State, and Site protocols: <u>12/18/14</u> <u>Nelson Novak</u> <u>[Signature]</u> <u>Enviro Assoc., Inc.</u> Date Name Signature Company									

FIELD METER CALIBRATION RECORD

Project Name: *CECOS-Aber Rd Facility*

Sampler(s):

Nelson Nwankwo

pH Meter(s): Make/Model/Serial No: OAKTON/300/357833

Buffer Brand/Expiration: pH 4 IE 8/28/15; pH 7 IE 2/7/16; pH 10 IE 12/12/16

Conductivity/Temp. Meter(s): Make/Model/Serial No: OAKTON/300/357433

Cond. Solution Brand/Expiration: JE 11/14/18

Cond. Solution Value (@ 25 °C): 1413

Turbidity Meter(s): Make/Model/Serial No.: HACH/2100P/090403037691

Sampler (Name): Nelson Nard

Sampler (Signature):

Sampler (Name):

Sampler (Signature):

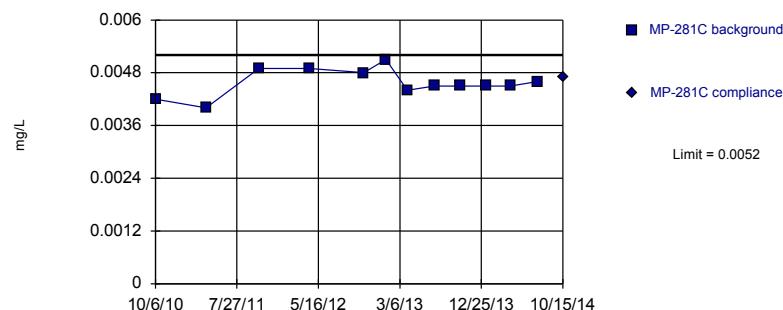
APPENDIX B.

**2014 SECOND SEMIANNUAL STATISTICAL
ANALYSIS RESULTS**

Within Limit

Prediction Limit

Intrawell Parametric

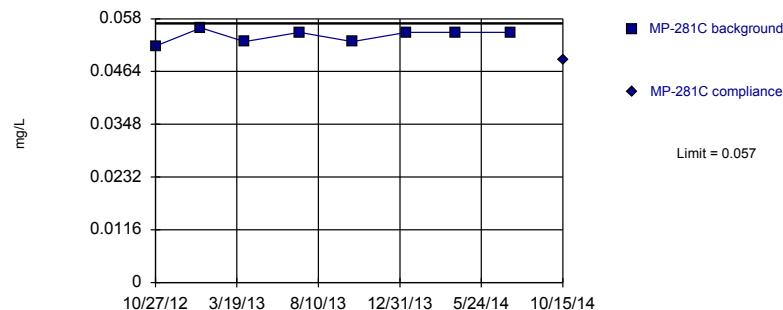


Background Data Summary: Mean=0.004575, Std. Dev.=0.0003108, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9585, critical = 0.805. Kappa = 2.008 (c=8, w=2, 1 of 2, event alpha = 0.05132). Report alpha = 0.003287.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.05425, Std. Dev.=0.001389, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8574, critical = 0.749. Kappa = 2.312 (c=8, w=2, 1 of 2, event alpha = 0.05132). Report alpha = 0.003287.

Constituent: Barium Dissolved Analysis Run 12/18/2014 9:21 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Within Limit

Prediction Limit

Intrawell Parametric



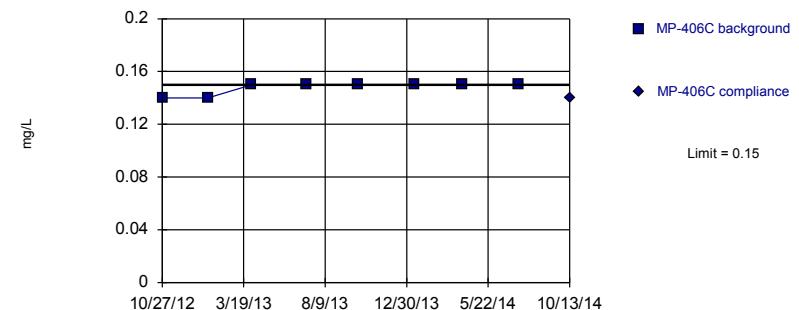
Background Data Summary: Mean=0.00325, Std. Dev.=0.0004751, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8492, critical = 0.749. Kappa = 2.312 (c=8, w=2, 1 of 2, event alpha = 0.05132). Report alpha = 0.003287.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:21 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Within Limit

Prediction Limit

Intrawell Non-parametric



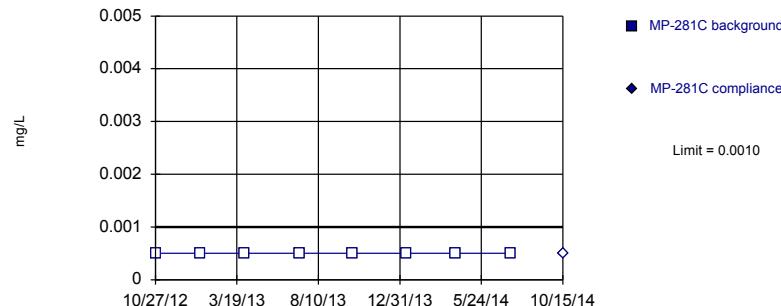
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Barium Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

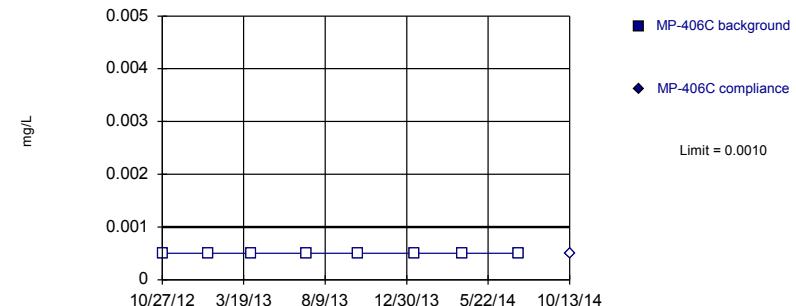


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

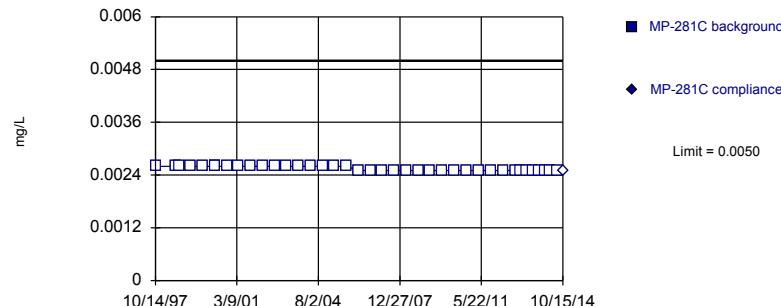
Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

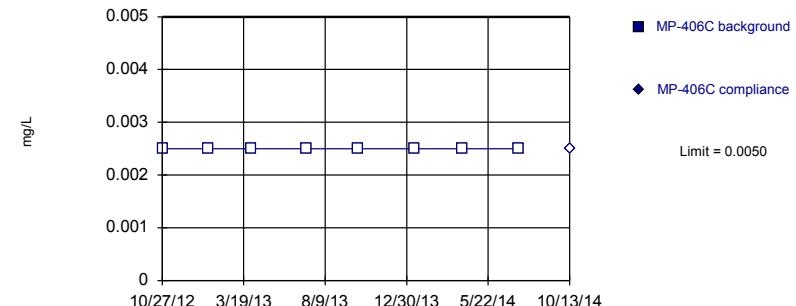


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 39) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002451.
Individual comparison alpha = 0.001226 (1 of 2).

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



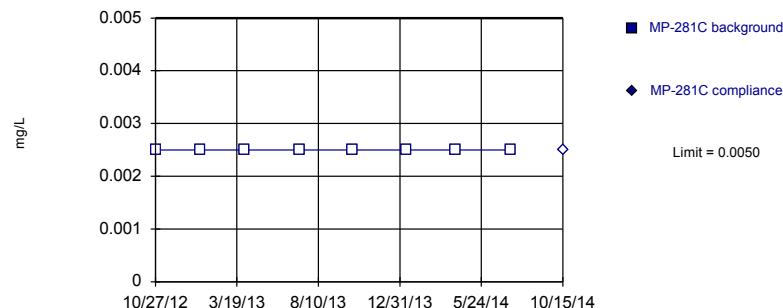
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Chromium Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Constituent: Chromium Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Within Limit

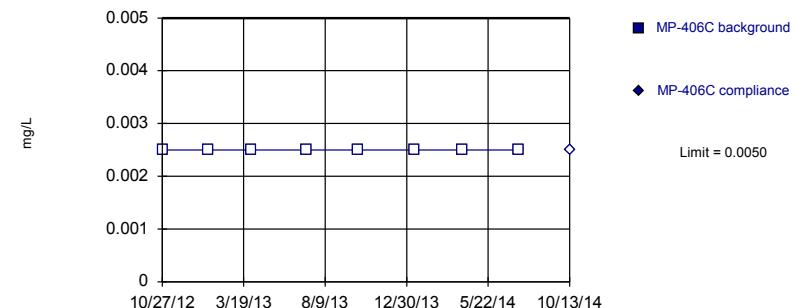
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Within Limit

Prediction Limit
Intrawell Non-parametric



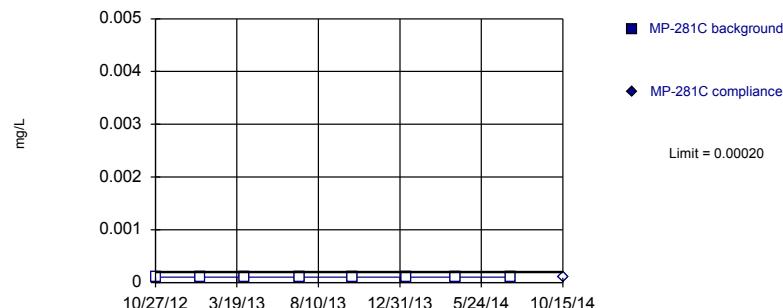
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Lead Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Constituent: Lead Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Within Limit

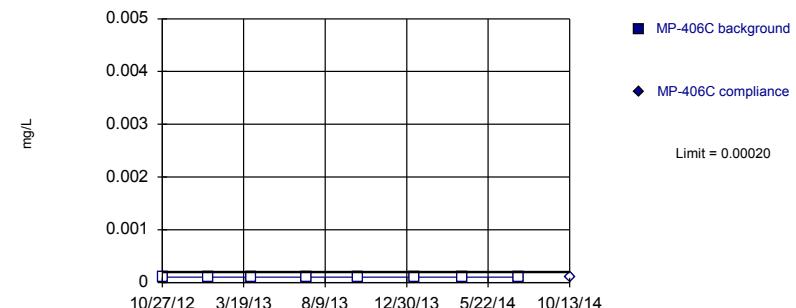
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

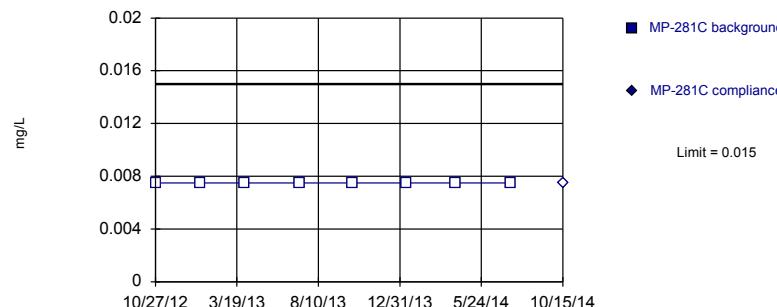
Constituent: Mercury Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Constituent: Mercury Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

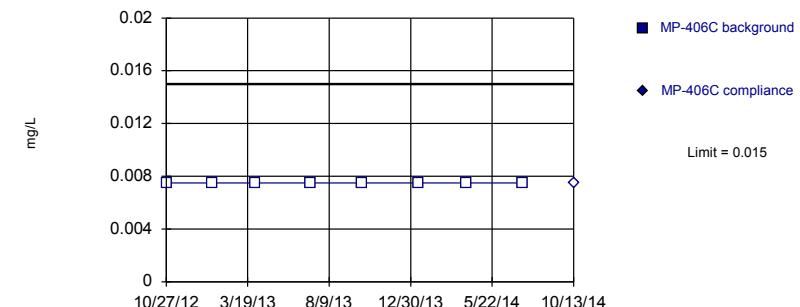


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

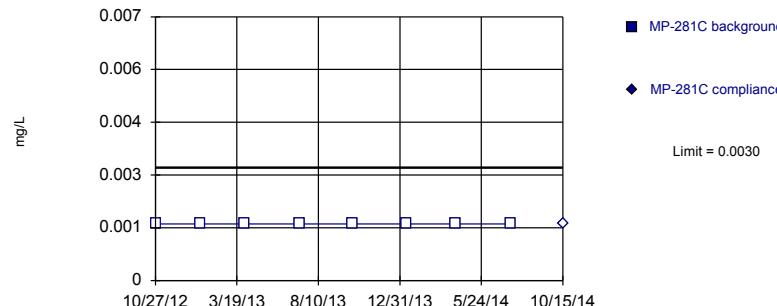
Constituent: Selenium Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Constituent: Selenium Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

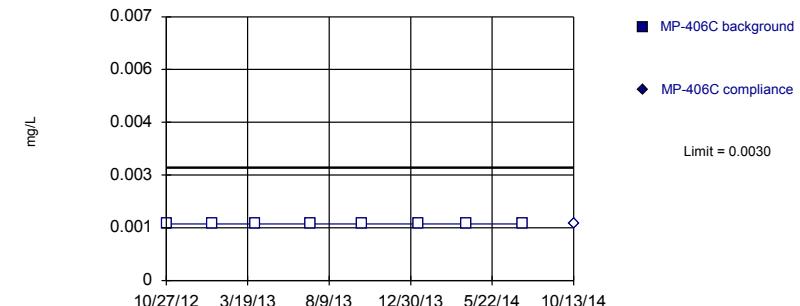


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Silver Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

Constituent: Silver Dissolved Analysis Run 12/18/2014 9:22 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS

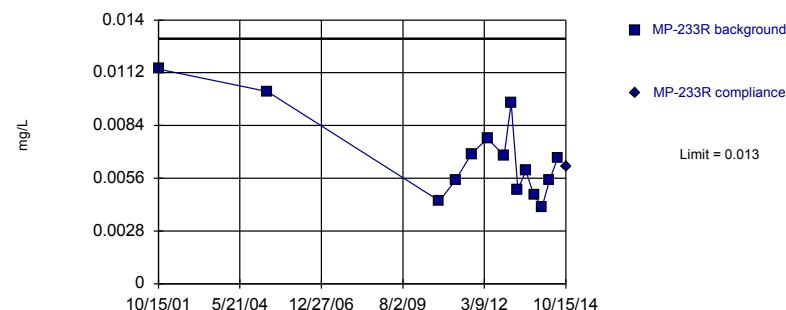
Prediction Limit

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - CS Printed 12/18/2014, 9:23 AM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Method
Arsenic Dissolved (mg/L)	MP-281C	0.0052	10/15/2014	0.0047	No	12	0.004575	0.0003108	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-406C	0.0043	10/13/2014	0.0041	No	8	0.00325	0.0004751	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-281C	0.057	10/15/2014	0.049	No	8	0.05425	0.001389	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-406C	0.15	10/13/2014	0.14	No	8	n/a	n/a	0	n/a	n/a	NP Intra (normality) 1 of 2
Cadmium Dissolved (mg/L)	MP-281C	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-406C	0.0010	10/13/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-281C	0.0050	10/15/2014	0.0025ND	No	39	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-406C	0.0050	10/13/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-281C	0.0050	10/15/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Lead Dissolved (mg/L)	MP-406C	0.0050	10/13/2014	0.0025ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-281C	0.00020	10/15/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Mercury Dissolved (mg/L)	MP-406C	0.00020	10/13/2014	0.0001ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-281C	0.015	10/15/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-406C	0.015	10/13/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-281C	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-406C	0.0030	10/13/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.00675, Std. Dev.=0.002254, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9054, critical = 0.825. Kappa = 2.732 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.0068, Std. Dev.=0.003067, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9037, critical = 0.844. Kappa = 2.604 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Within Limit

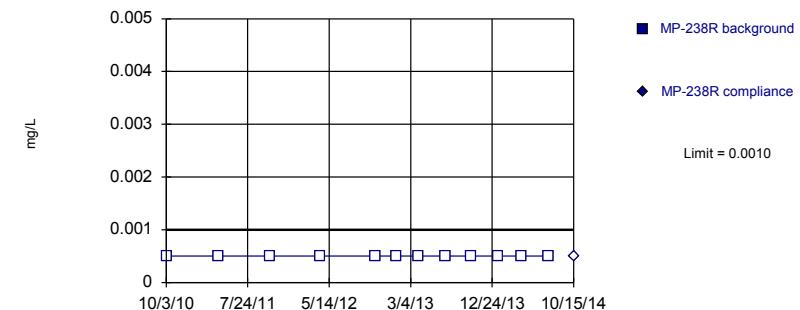
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.003075, Std. Dev.=0.0009127, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9171, critical = 0.805. Kappa = 2.86 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Within Limit

Prediction Limit
Intrawell Non-parametric



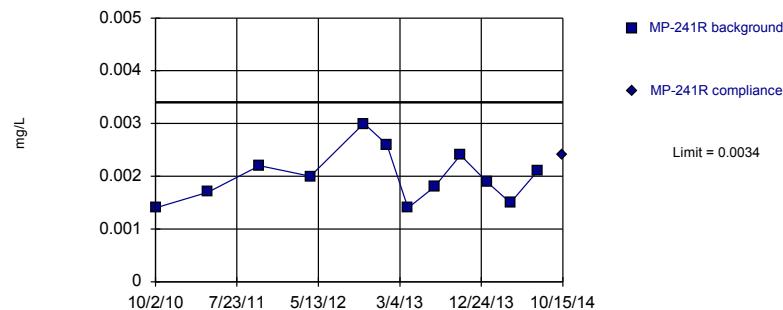
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 12) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.02143. Individual comparison alpha = 0.01077 (1 of 2).

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Within Limit

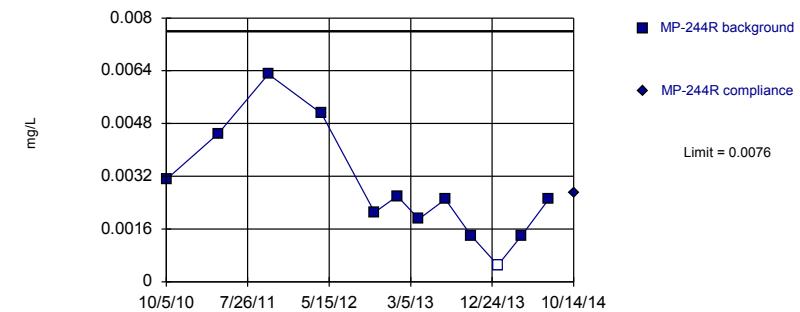
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.002, Std. Dev.=0.0004936, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9507, critical = 0.805. Kappa = 2.86 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Within Limit

Prediction Limit
Intrawell Parametric



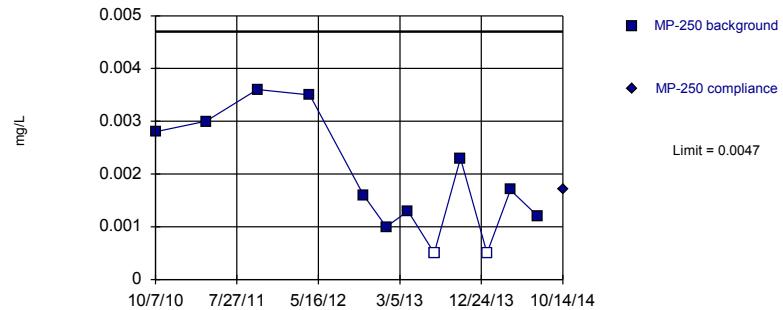
Background Data Summary: Mean=0.002825, Std. Dev.=0.001685, n=12, 8.333% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9229, critical = 0.805. Kappa = 2.86 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Within Limit

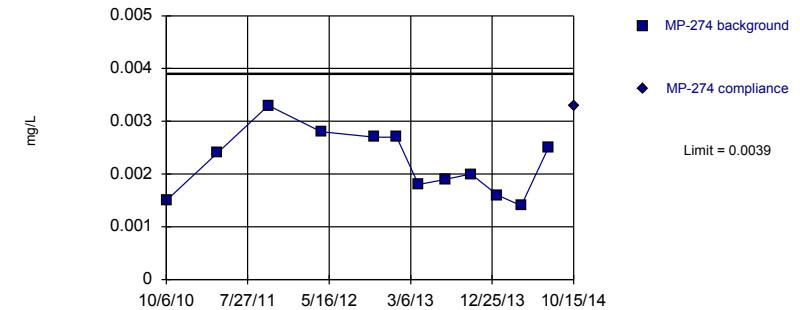
Prediction Limit
Intrawell Parametric



Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.002, Std. Dev.=0.0009539, n=12, 16.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9254, critical = 0.805. Kappa = 2.86 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.002217, Std. Dev.=0.0006013, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9473, critical = 0.805. Kappa = 2.86 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

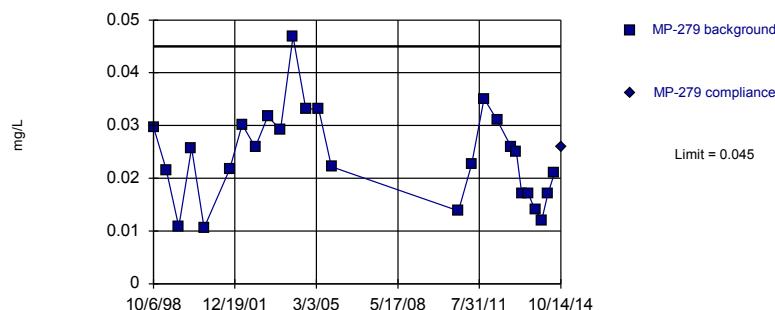
Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Within Limit

Prediction Limit

Intrawell Parametric

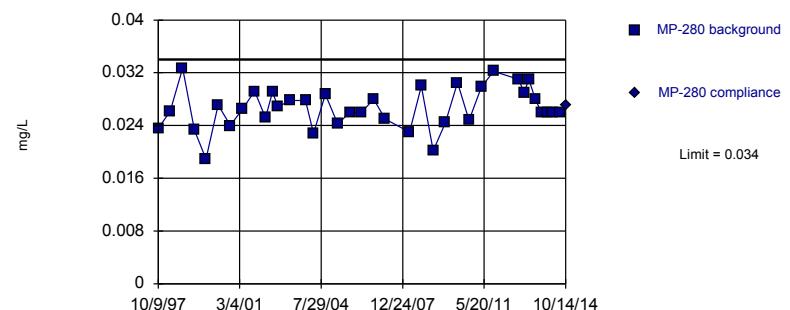


Background Data Summary: Mean=0.024, Std. Dev.=0.008734, n=26. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9609, critical = 0.891. Kappa = 2.358 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02667, Std. Dev.=0.003118, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.981, critical = 0.914. Kappa = 2.256 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

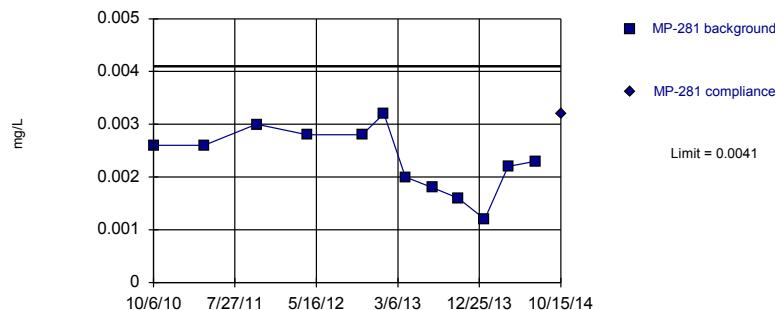
Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Within Limit

Prediction Limit

Intrawell Parametric

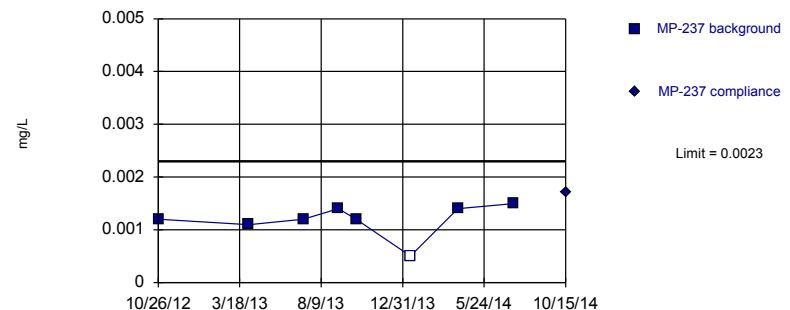


Background Data Summary: Mean=0.002342, Std. Dev.=0.0006037, n=12. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9661, critical = 0.805. Kappa = 2.86 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Within Limit

Prediction Limit

Intrawell Parametric



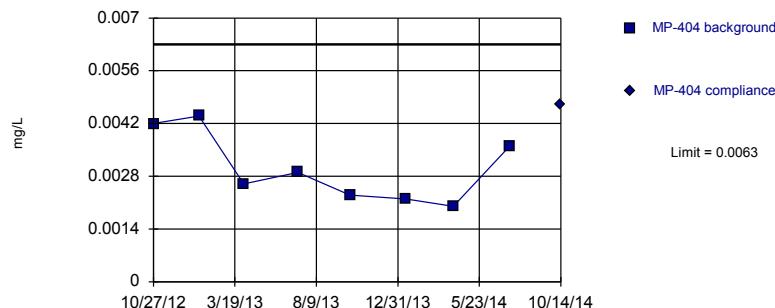
Background Data Summary: Mean=0.001188, Std. Dev.=0.0003091, n=8, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8078, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.003025, Std. Dev.=0.0009301, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8956, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Within Limit

Prediction Limit
Intrawell Parametric



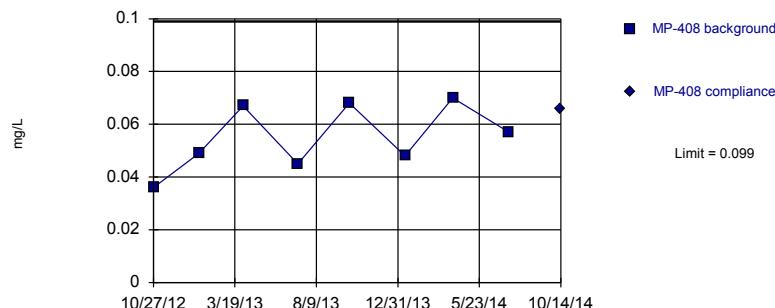
Background Data Summary: Mean=0.004963, Std. Dev.=0.001186, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8349, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.055, Std. Dev.=0.01247, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9186, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.002325, Std. Dev.=0.0004367, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8928, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

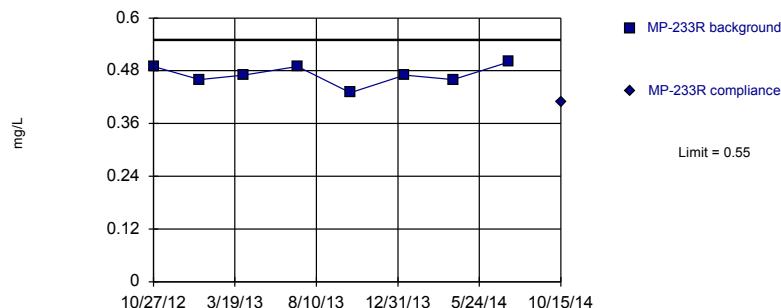
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Arsenic Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Within Limit

Prediction Limit

Intrawell Parametric

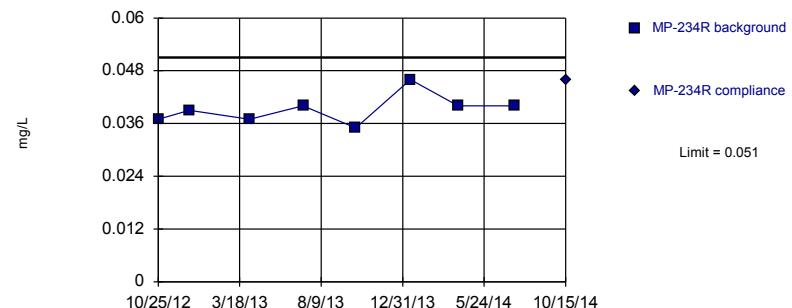


Background Data Summary: Mean=0.4713, Std. Dev.=0.02232, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9344, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.03925, Std. Dev.=0.003284, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8874, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

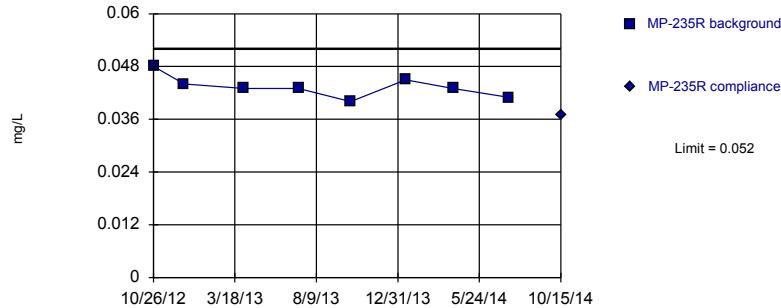
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Barium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Within Limit

Prediction Limit

Intrawell Parametric

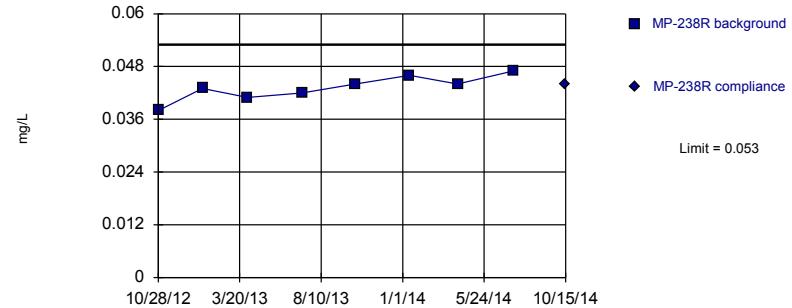


Background Data Summary: Mean=0.04338, Std. Dev.=0.002446, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9423, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04313, Std. Dev.=0.00285, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9716, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

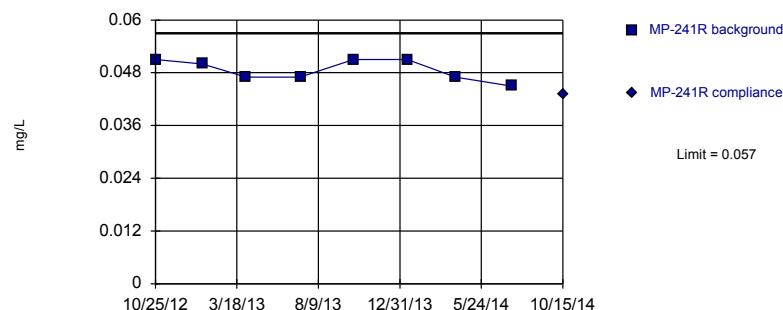
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Barium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.04863, Std. Dev.=0.002387, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8327, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.02263, Std. Dev.=0.001188, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8748, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

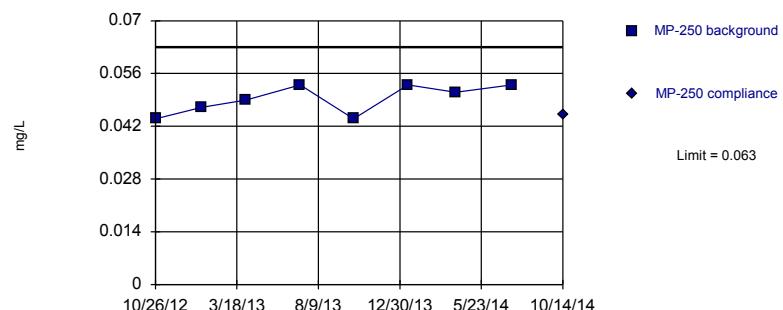
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Barium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Within Limit

Prediction Limit

Intrawell Parametric

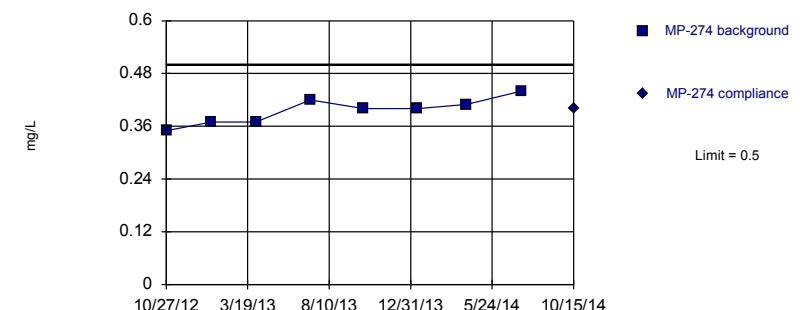


Background Data Summary: Mean=0.04925, Std. Dev.=0.003882, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8469, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Within Limit

Prediction Limit

Intrawell Parametric



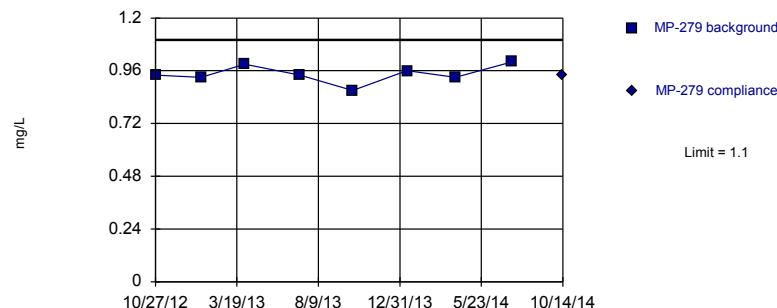
Background Data Summary: Mean=0.395, Std. Dev.=0.02976, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9628, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Barium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Within Limit

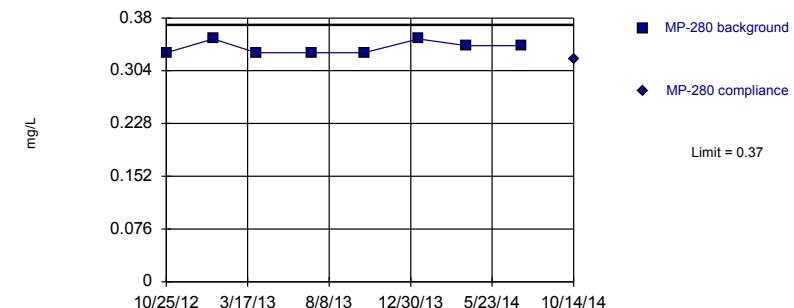
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.945, Std. Dev.=0.04036, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9286, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Within Limit

Prediction Limit
Intrawell Parametric



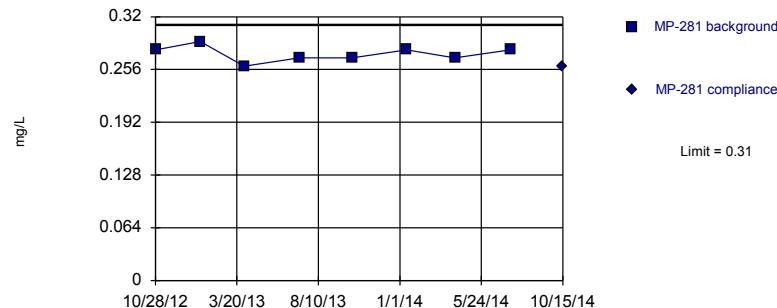
Background Data Summary: Mean=0.3375, Std. Dev.=0.008864, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7818, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Constituent: Barium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Barium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Within Limit

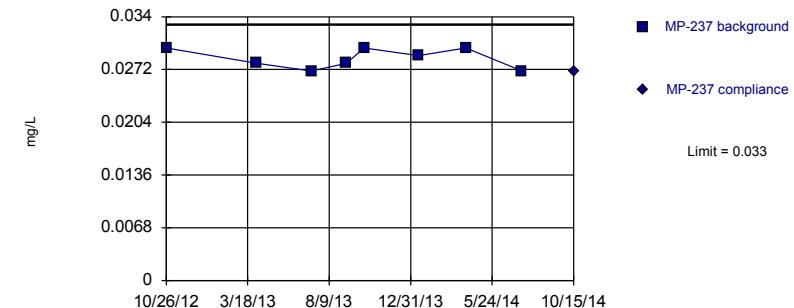
Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.275, Std. Dev.=0.009258, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9302, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary: Mean=0.02863, Std. Dev.=0.001302, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.846, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

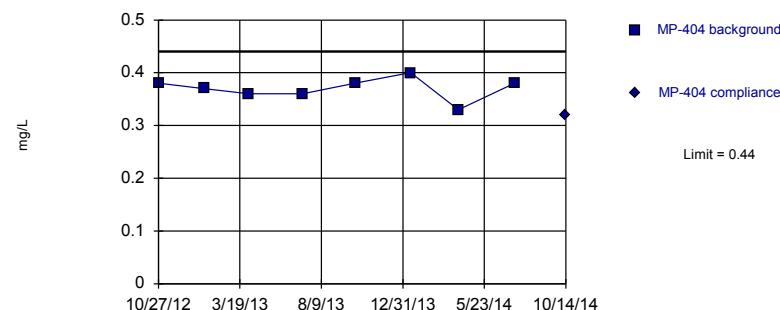
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Within Limit

Prediction Limit

Intrawell Parametric

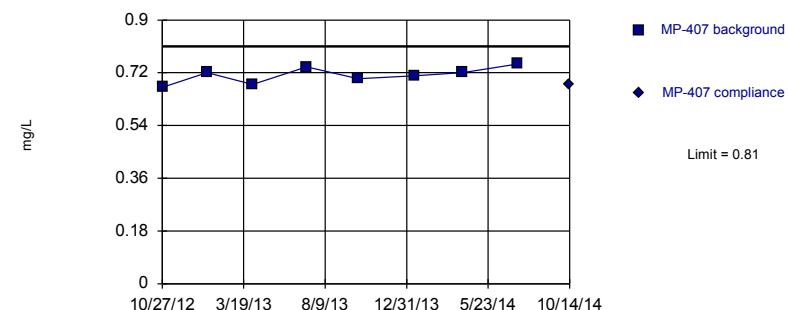


Background Data Summary: Mean=0.37, Std. Dev.=0.0207, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9271, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Within Limit

Prediction Limit

Intrawell Parametric



Background Data Summary: Mean=0.7113, Std. Dev.=0.02748, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9654, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

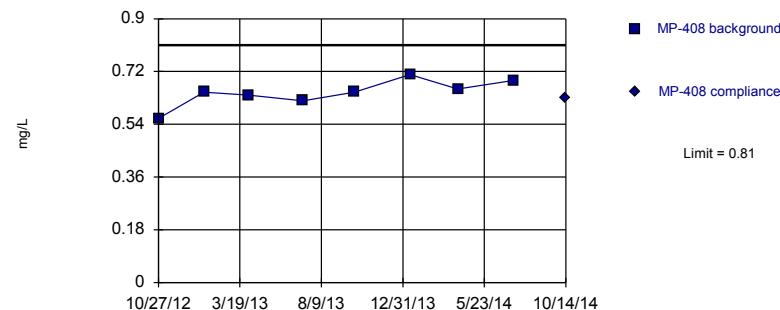
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Barium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Within Limit

Prediction Limit

Intrawell Parametric

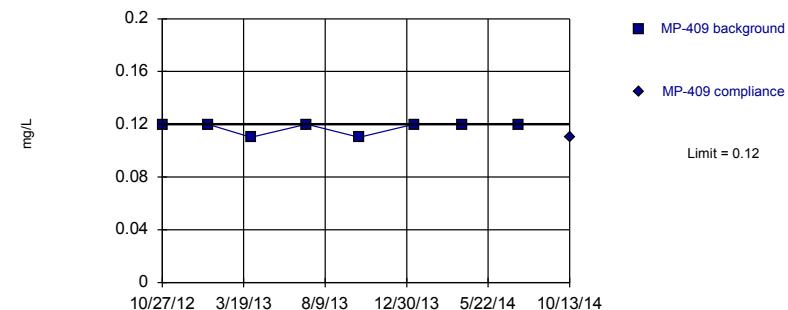


Background Data Summary: Mean=0.6475, Std. Dev.=0.04528, n=8. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9444, critical = 0.749. Kappa = 3.524 (c=8, w=16, 1 of 2, event alpha = 0.05132). Report alpha = 0.0004115.

Within Limit

Prediction Limit

Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 8 background values. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

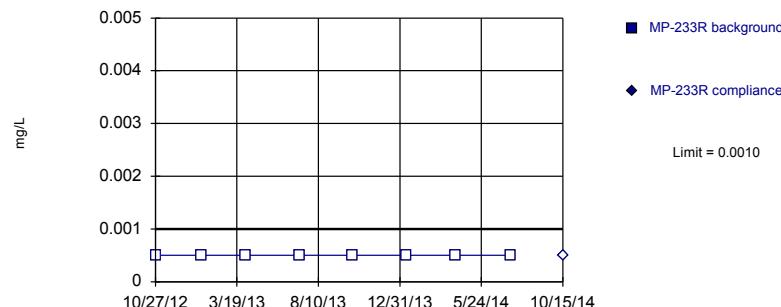
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Barium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

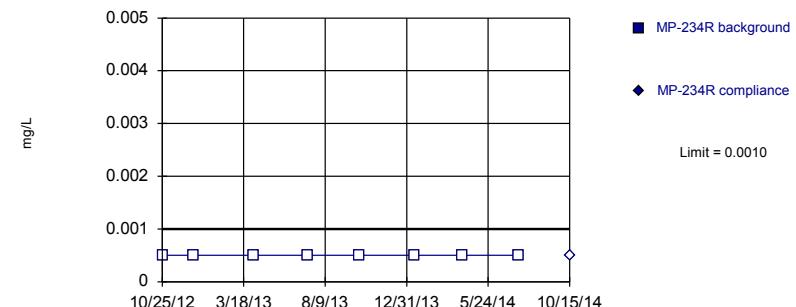


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

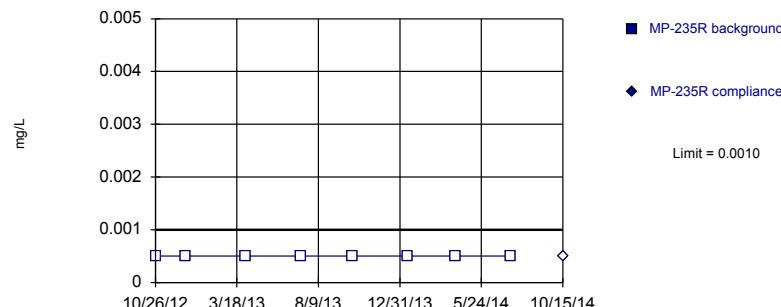
Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

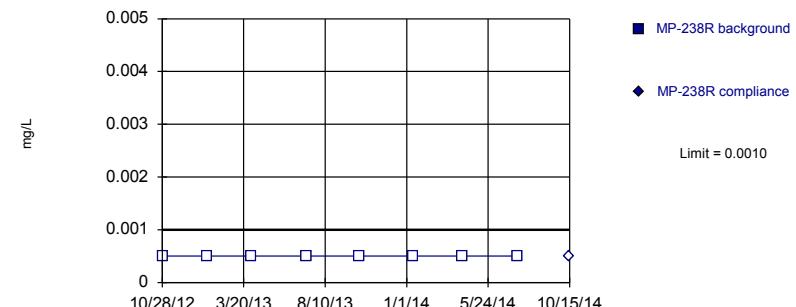


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

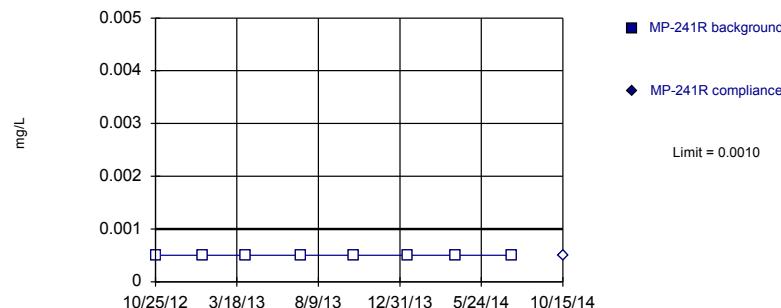
Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

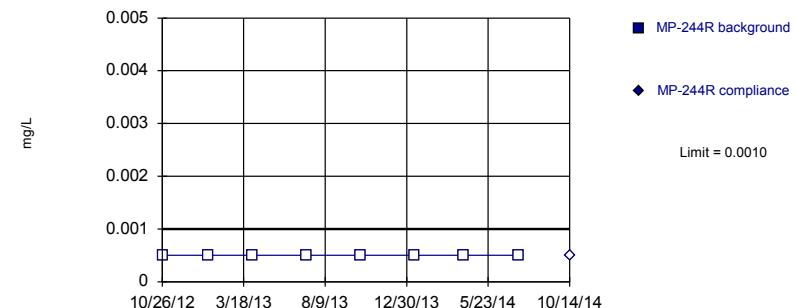


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

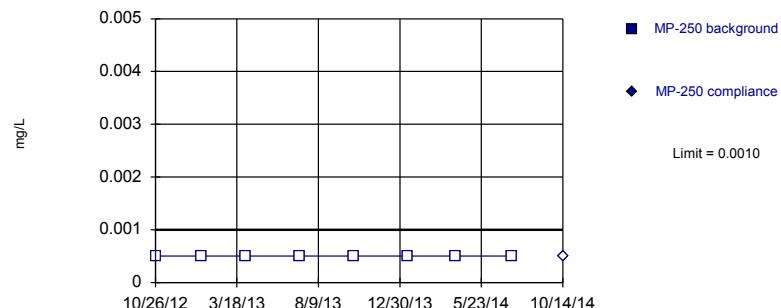
Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

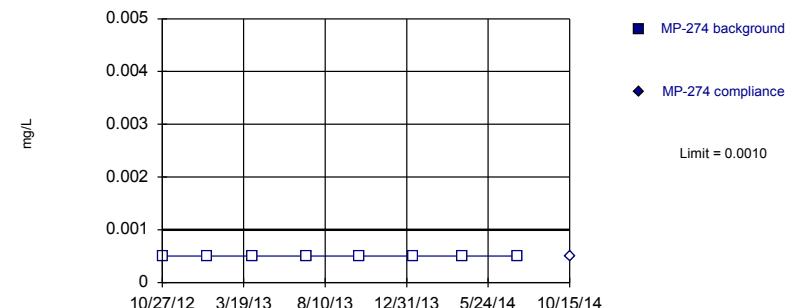


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

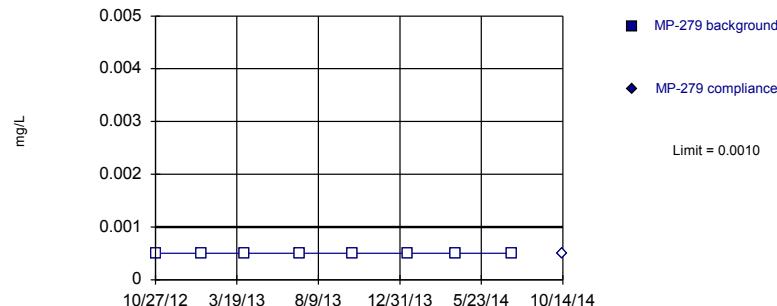
Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

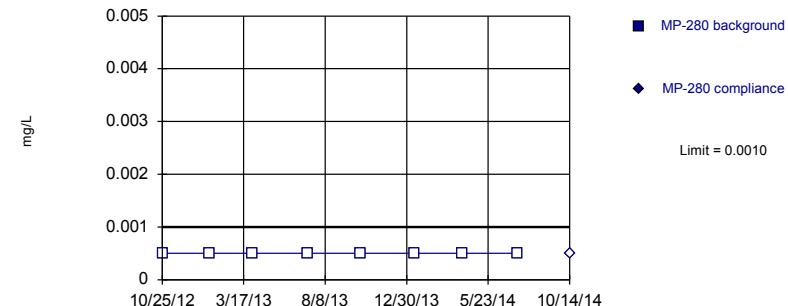


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

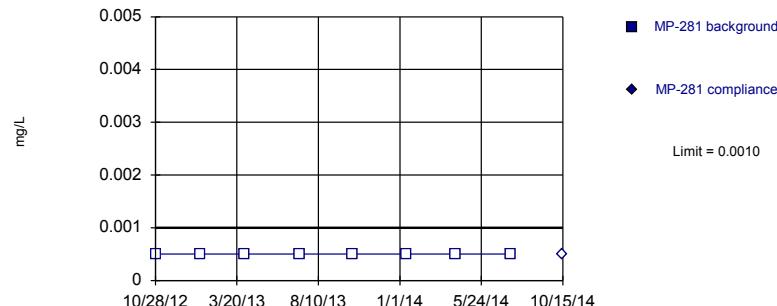
Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:33 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:34 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

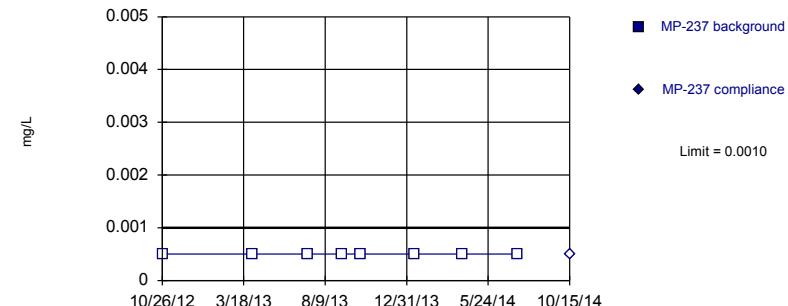


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

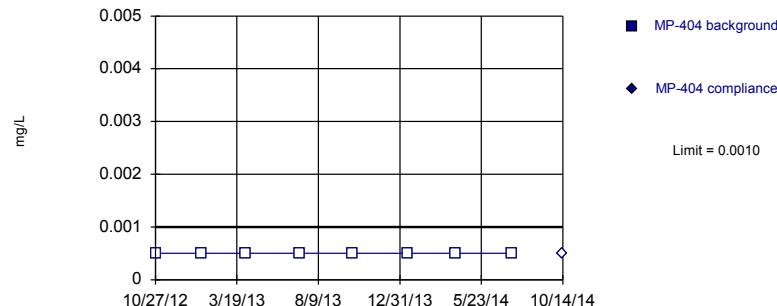
Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:34 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:34 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

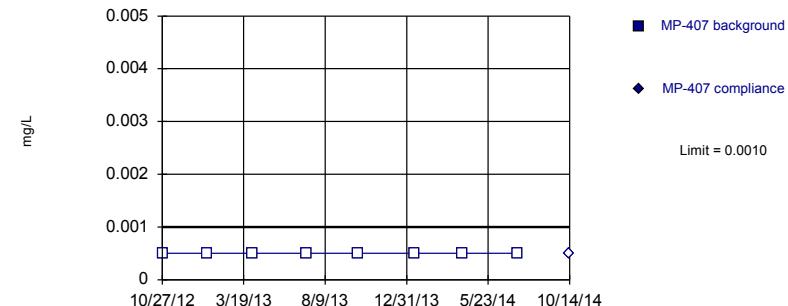


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

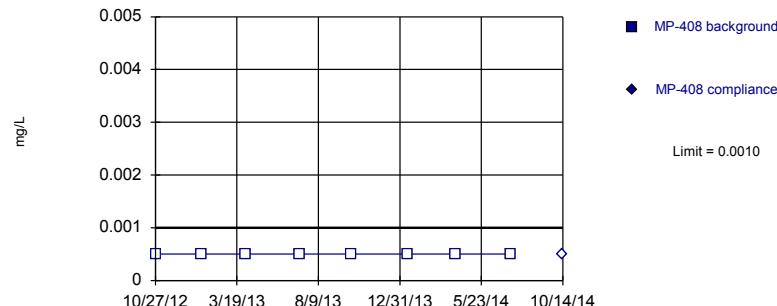
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:34 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

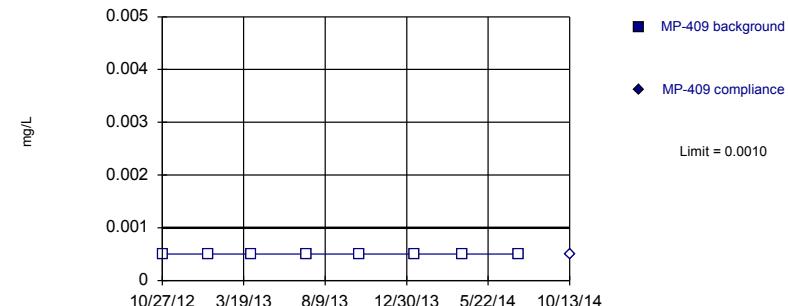


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

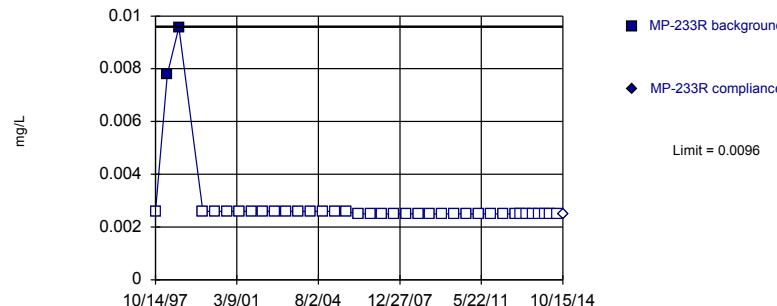
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Cadmium Dissolved Analysis Run 12/18/2014 9:34 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

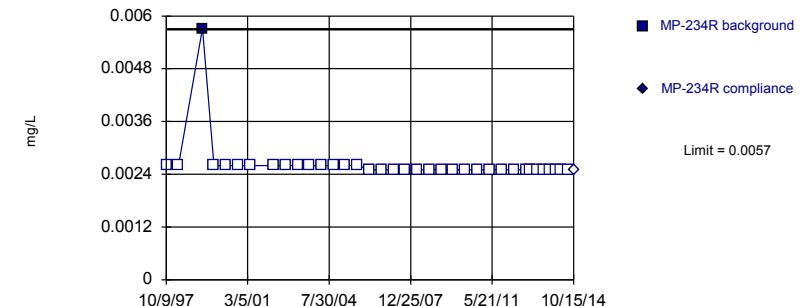


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 97.22% NDs. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

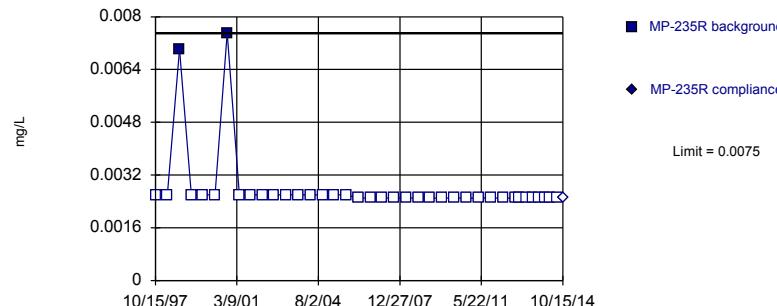
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Chromium Dissolved Analysis Run 12/18/2014 9:34 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

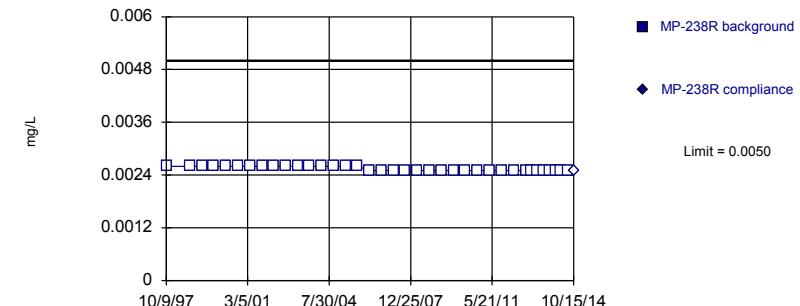


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 94.74% NDs. Well-constituent pair annual alpha = 0.002586. Individual comparison alpha = 0.001294 (1 of 2).

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 37) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

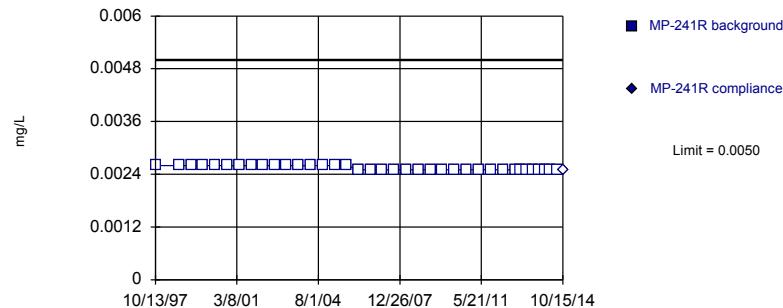
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Chromium Dissolved Analysis Run 12/18/2014 9:34 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

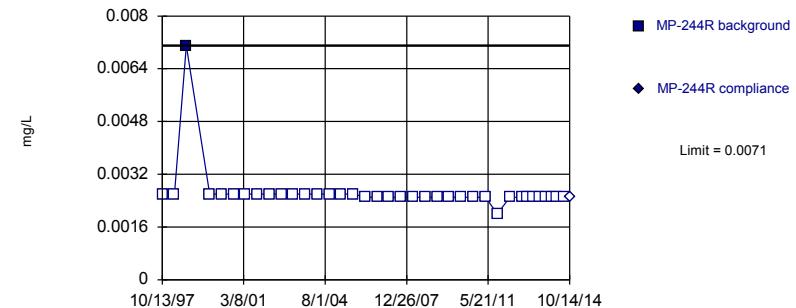


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 37) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.002721. Individual comparison alpha = 0.001361 (1 of 2).

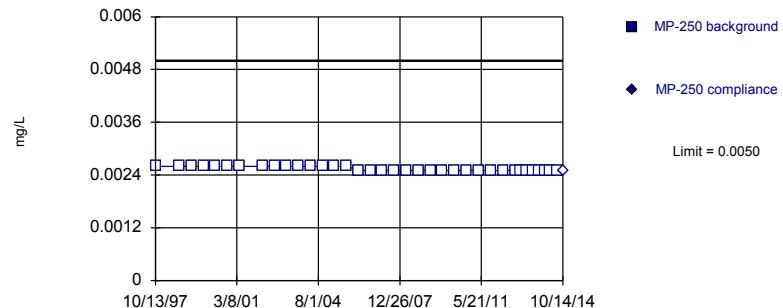
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Chromium Dissolved Analysis Run 12/18/2014 9:34 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

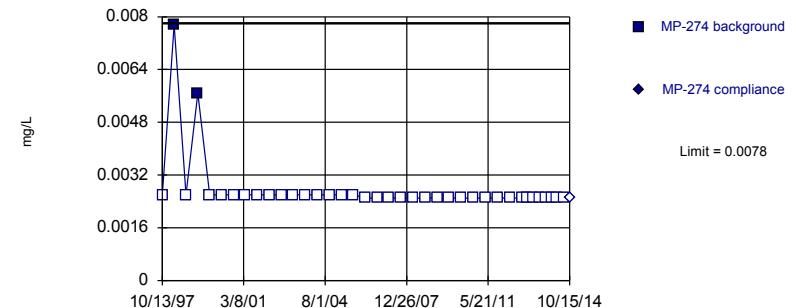


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 36) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002856. Individual comparison alpha = 0.001429 (1 of 2).

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Within Limit

Prediction Limit
Intrawell Non-parametric



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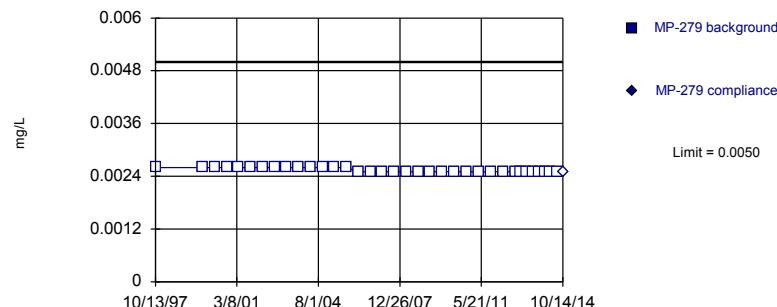
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Chromium Dissolved Analysis Run 12/18/2014 9:34 AM View: Stats
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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

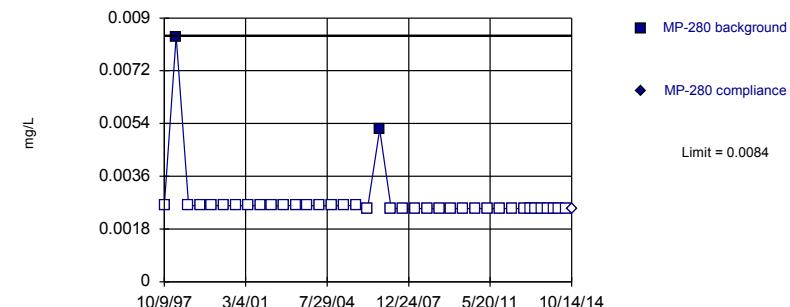


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 35$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002991. Individual comparison alpha = 0.001497 (1 of 2).

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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Within Limit

Prediction Limit
Intrawell Non-parametric



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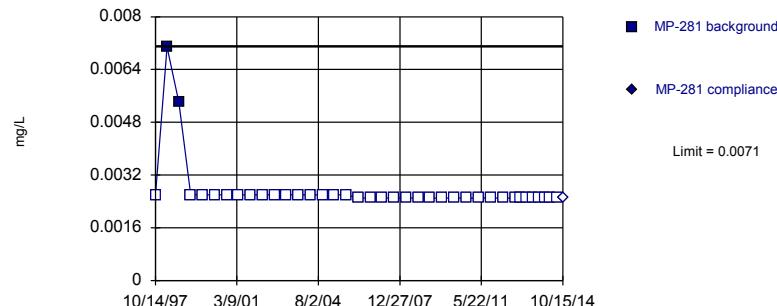
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Within Limit

Prediction Limit
Intrawell Non-parametric

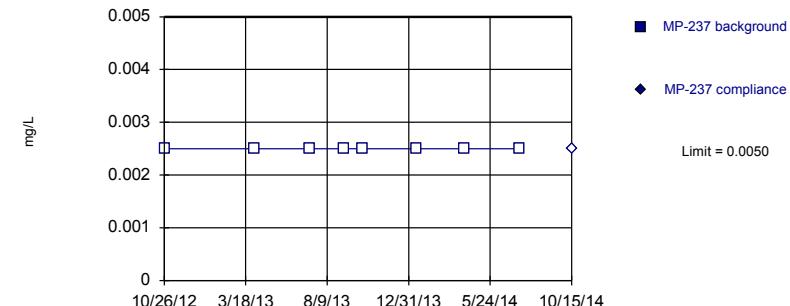


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Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values ($n = 8$) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242. Individual comparison alpha = 0.02144 (1 of 2).

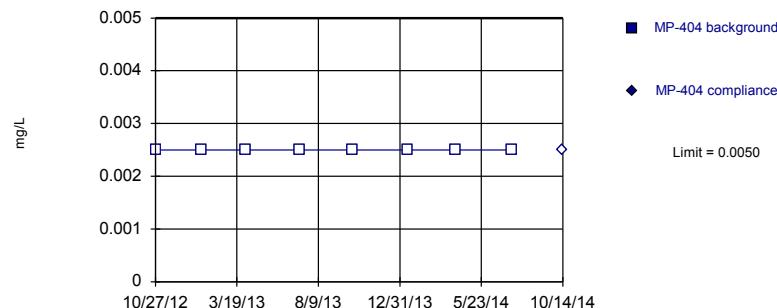
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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Within Limit

Prediction Limit
Intrawell Non-parametric

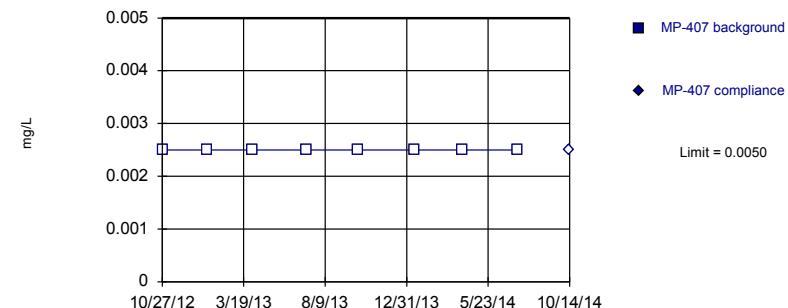


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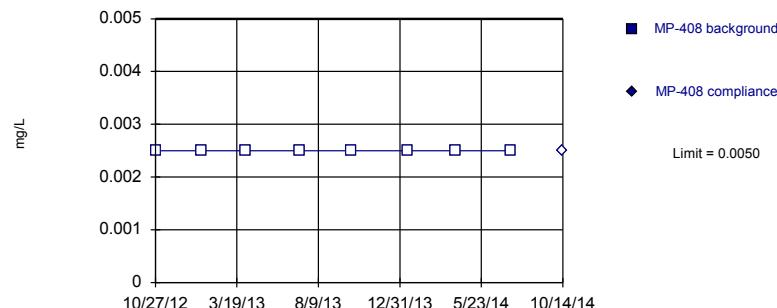
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Within Limit

Prediction Limit
Intrawell Non-parametric

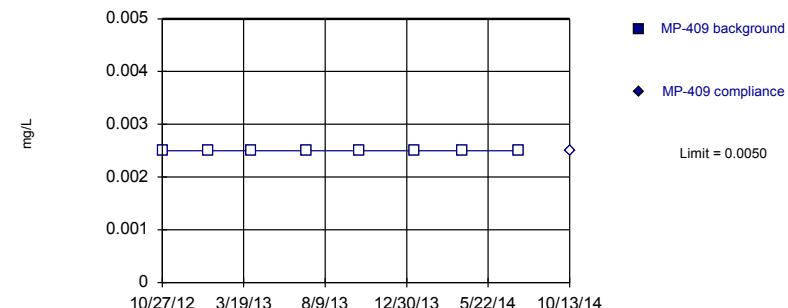


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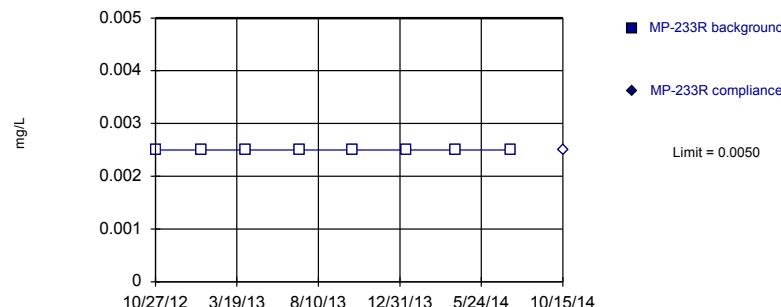
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Within Limit

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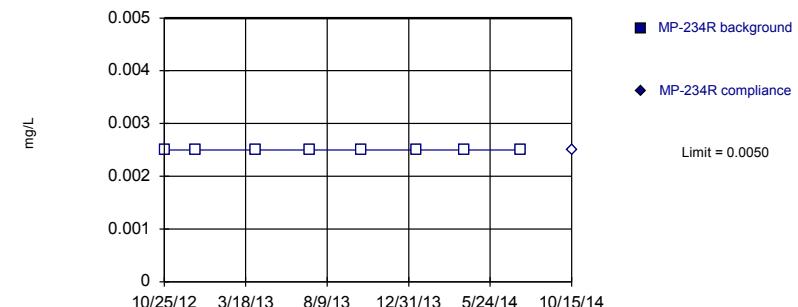


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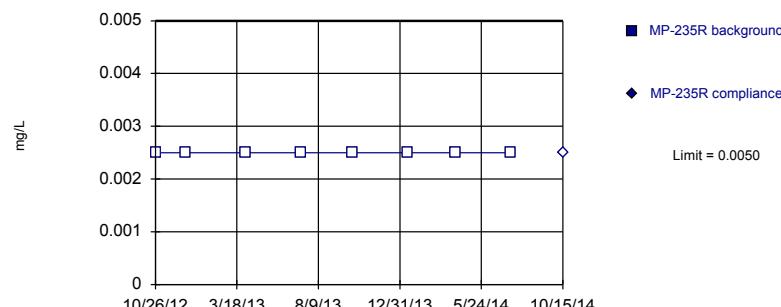
Constituent: Lead Dissolved Analysis Run 12/18/2014 9:34 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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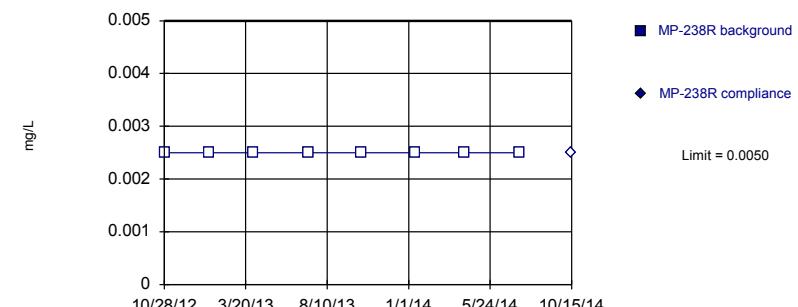


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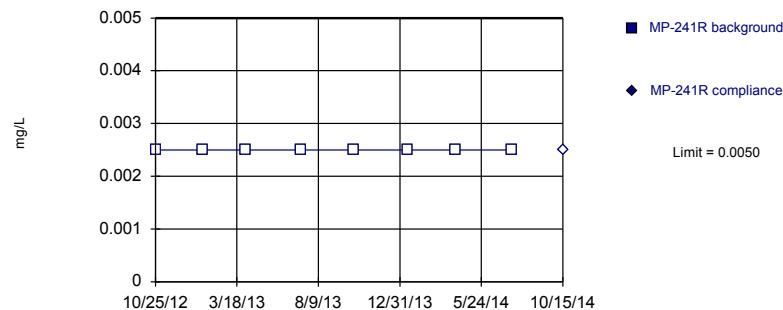
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

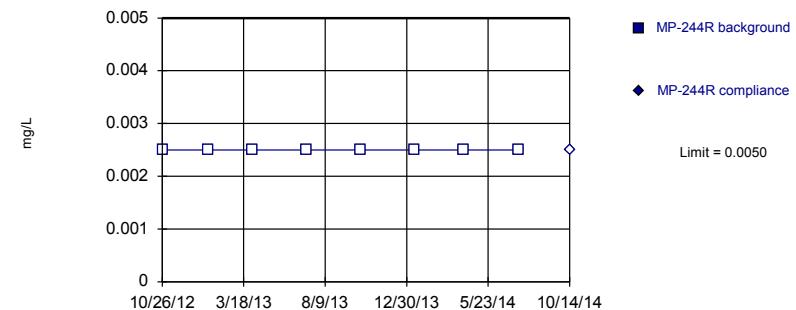


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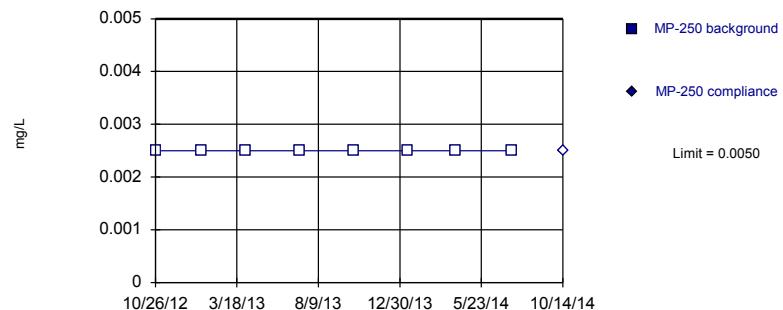
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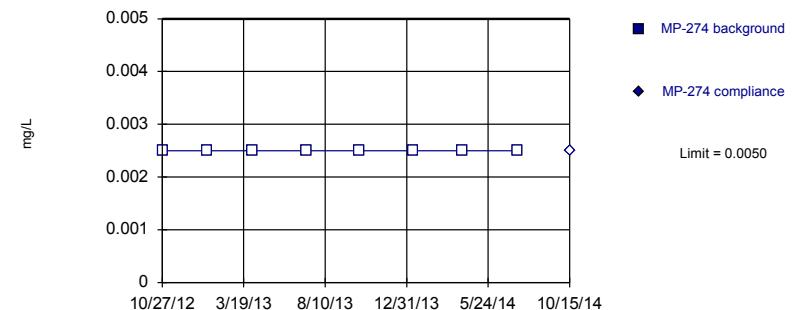


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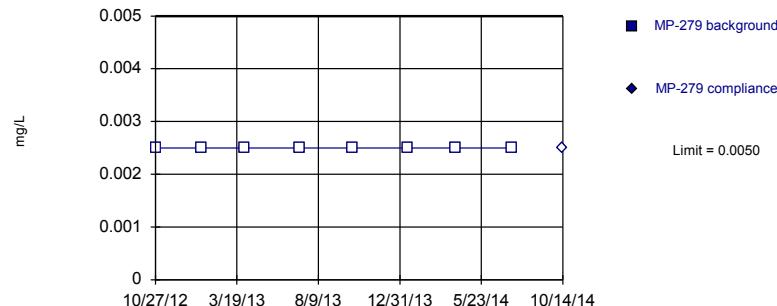
Constituent: Lead Dissolved Analysis Run 12/18/2014 9:34 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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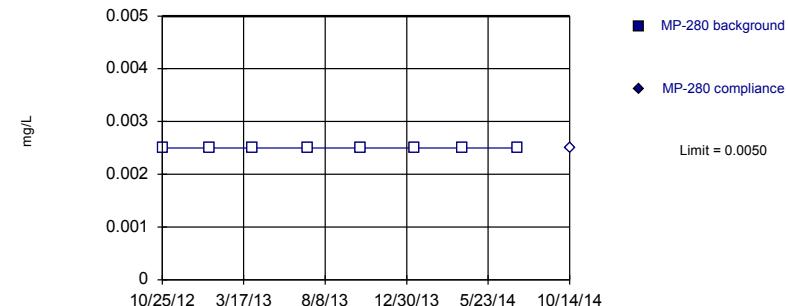


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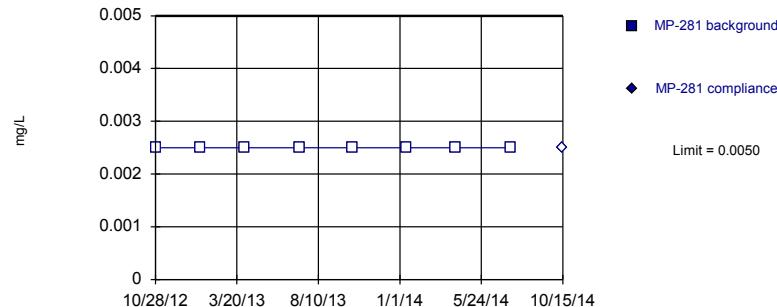
Constituent: Lead Dissolved Analysis Run 12/18/2014 9:34 AM View: Stats
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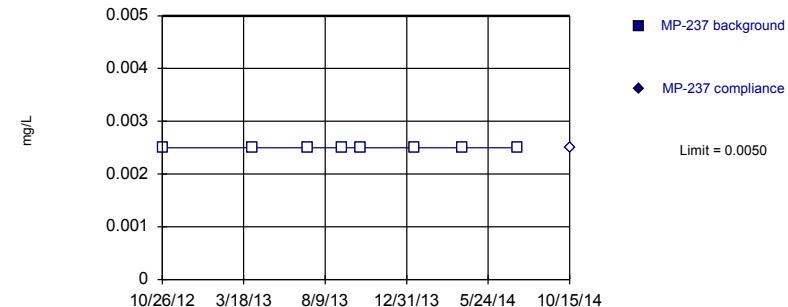


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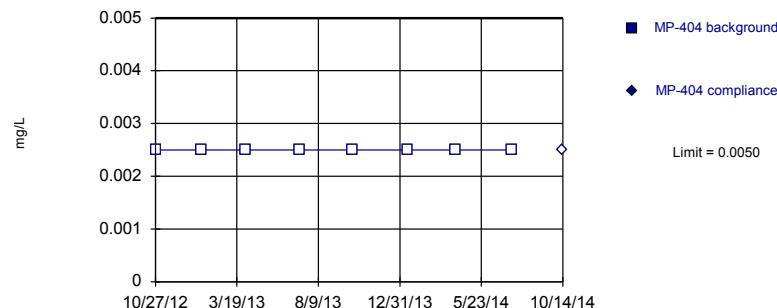
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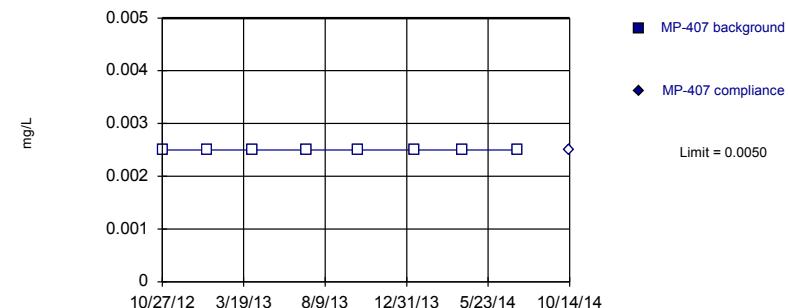


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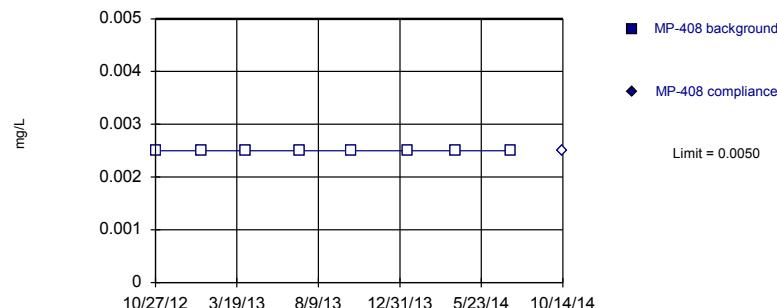
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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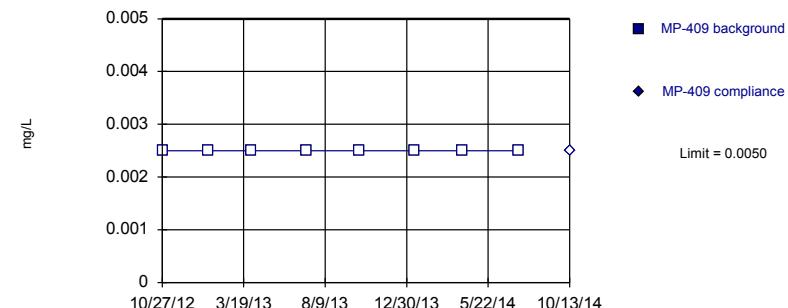


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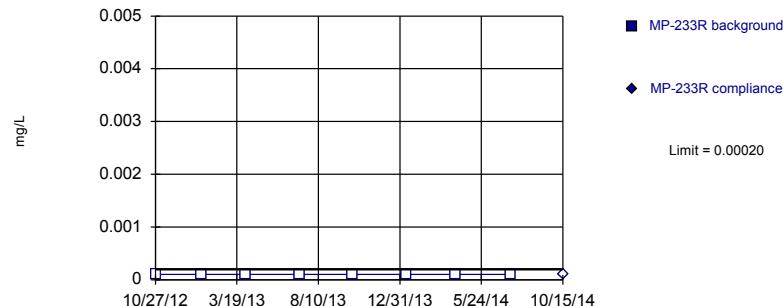
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Within Limit

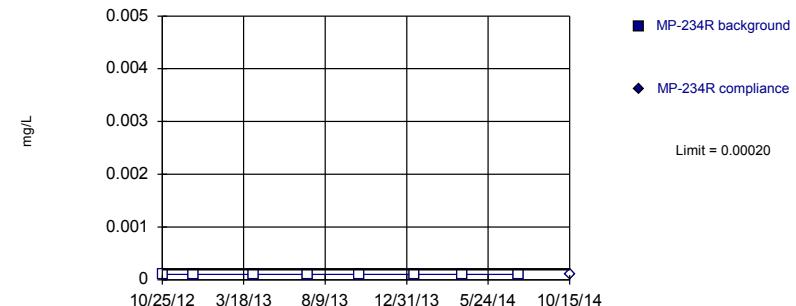
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Within Limit

Prediction Limit
Intrawell Non-parametric



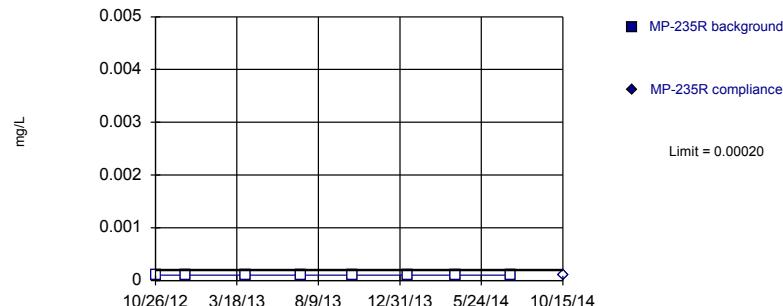
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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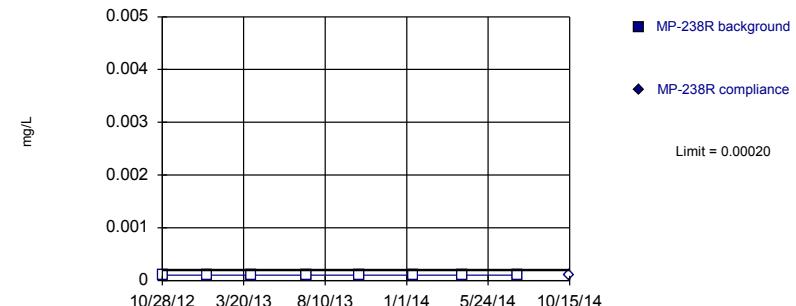
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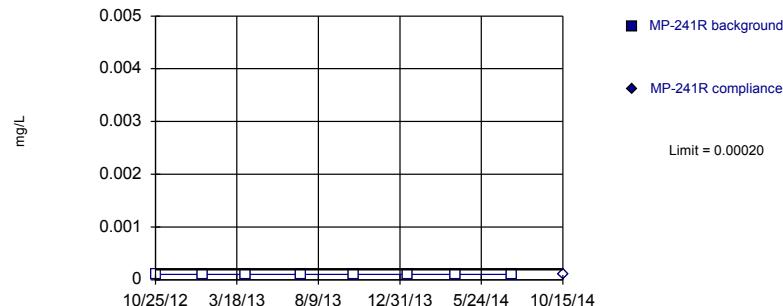
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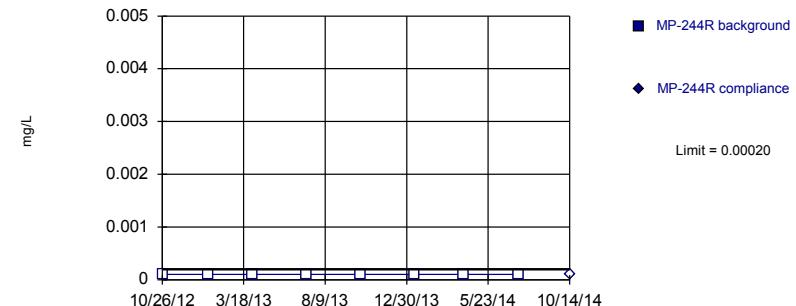
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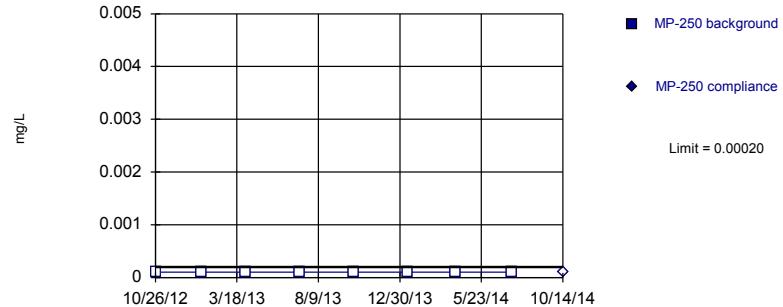
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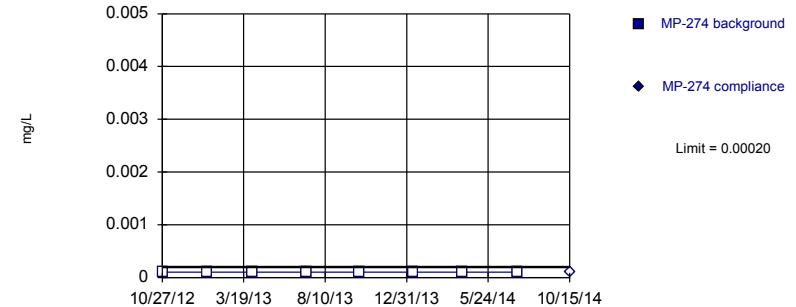
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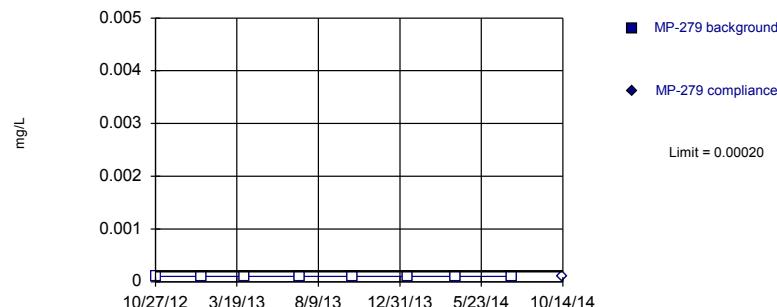
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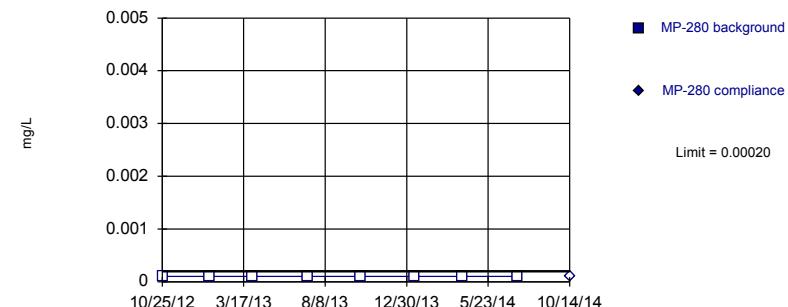


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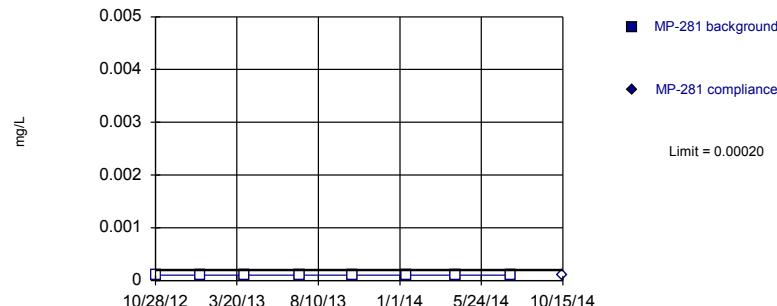
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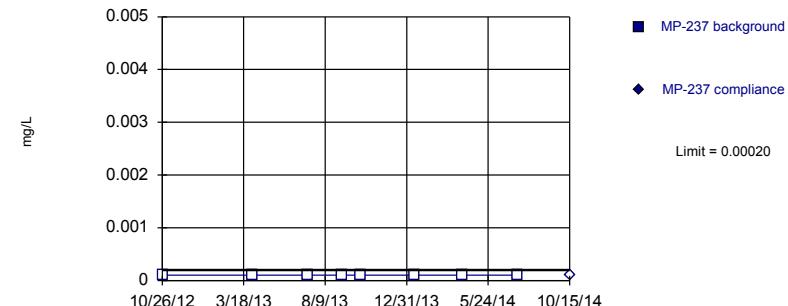


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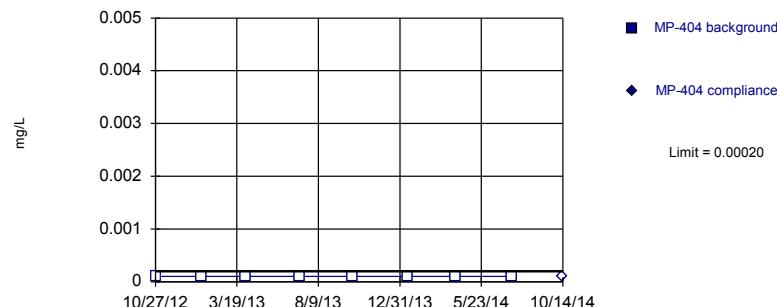
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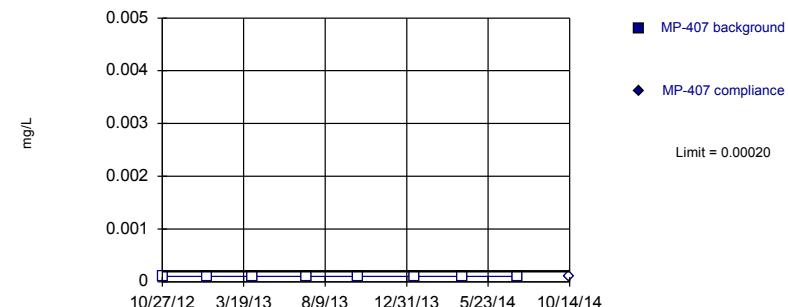


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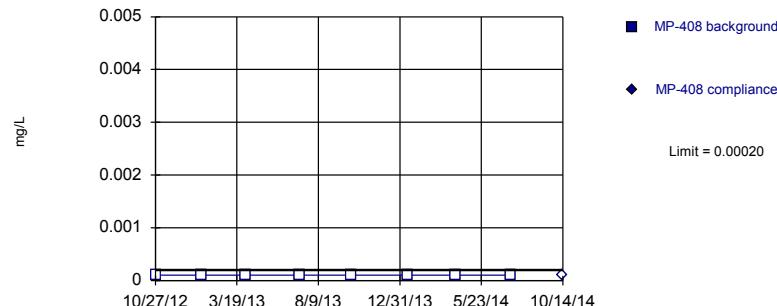
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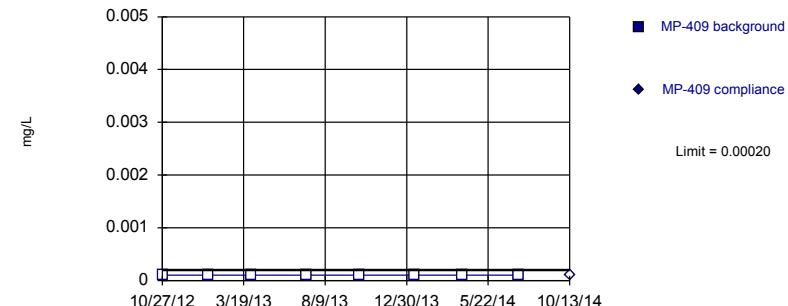


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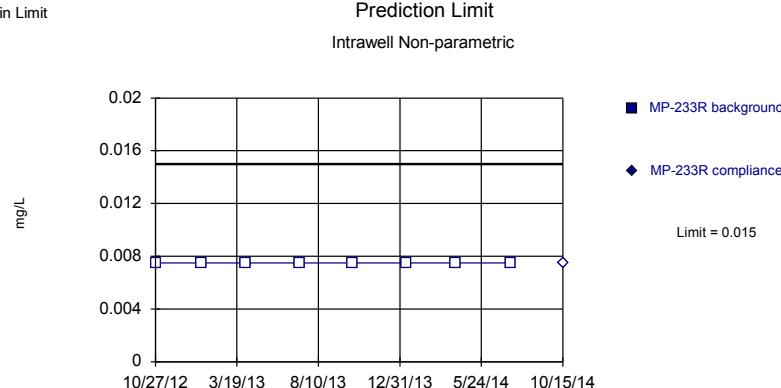
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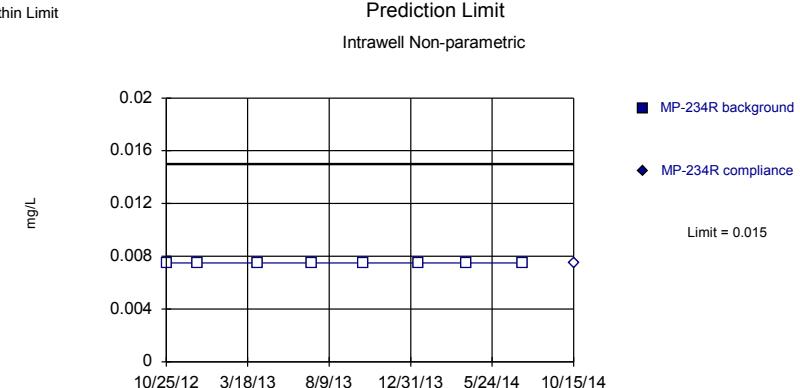
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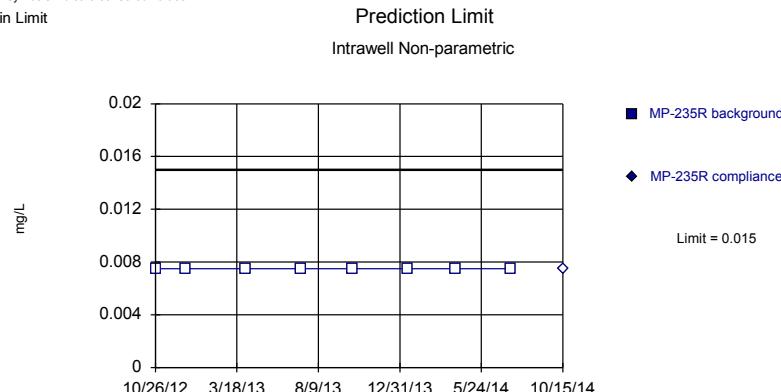
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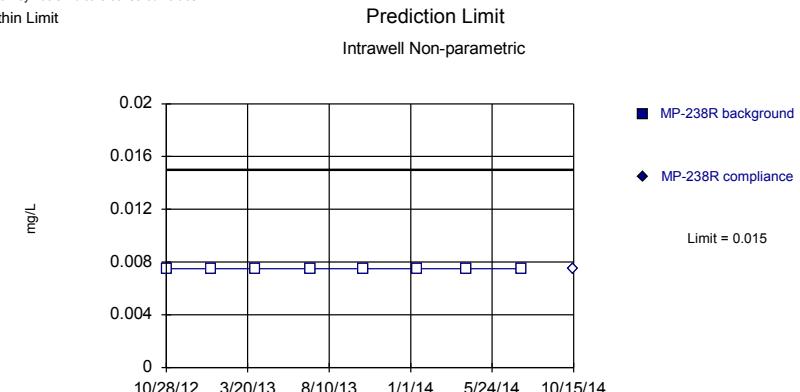
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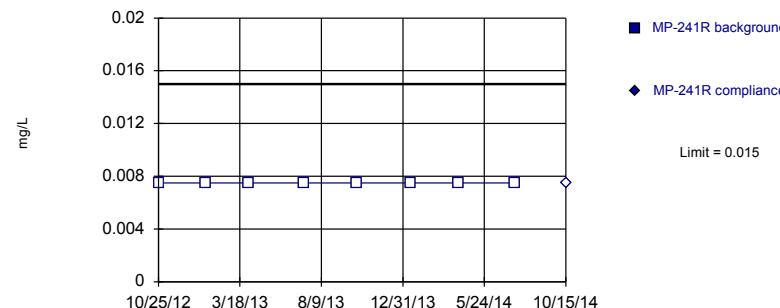
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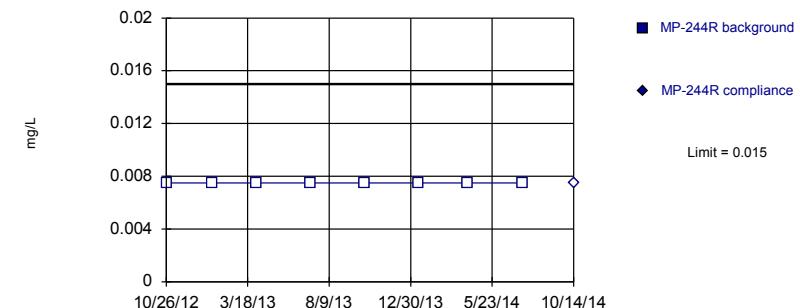


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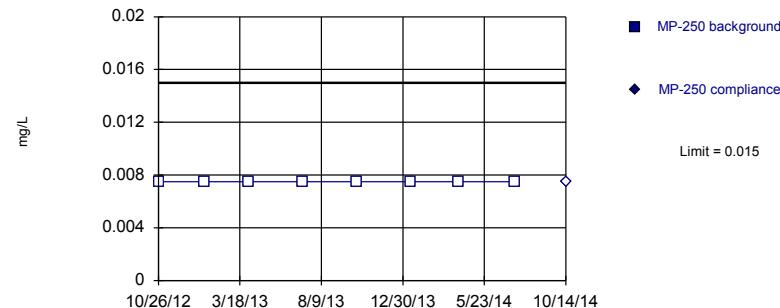
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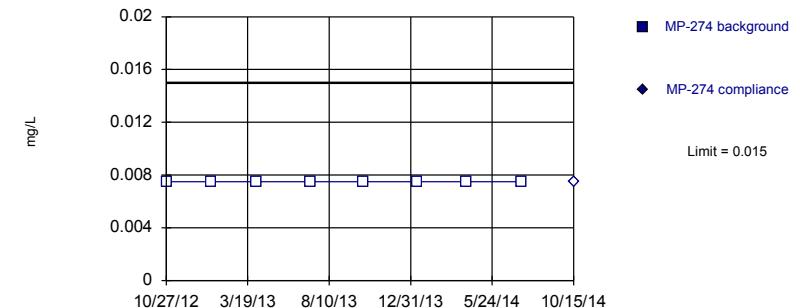


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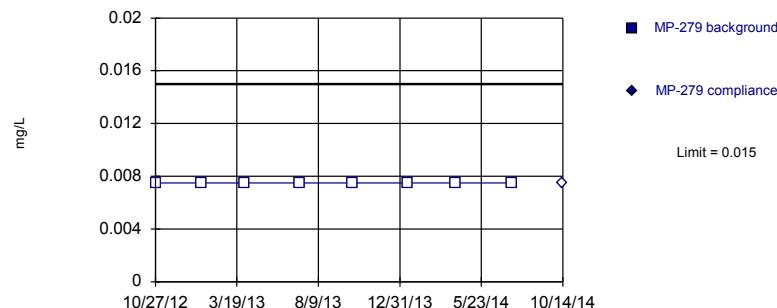
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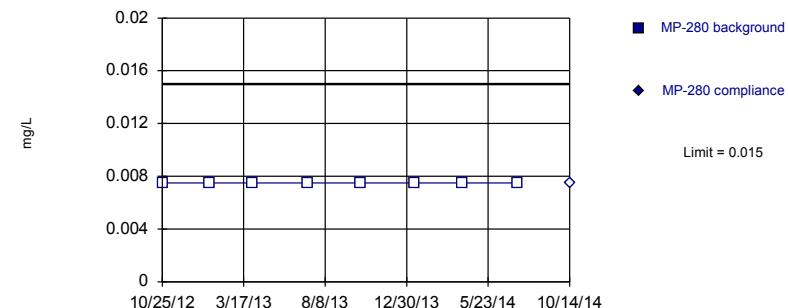


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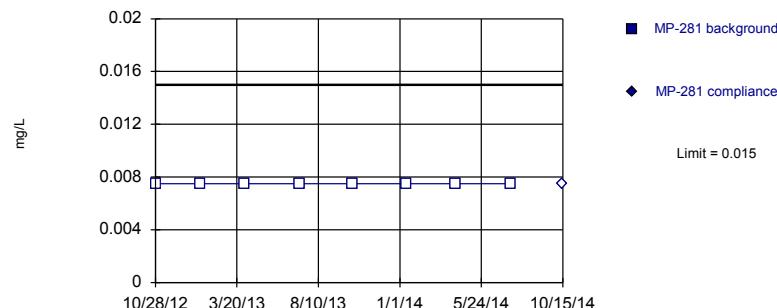
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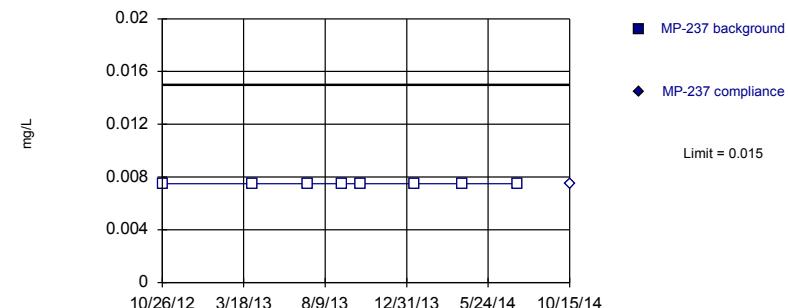


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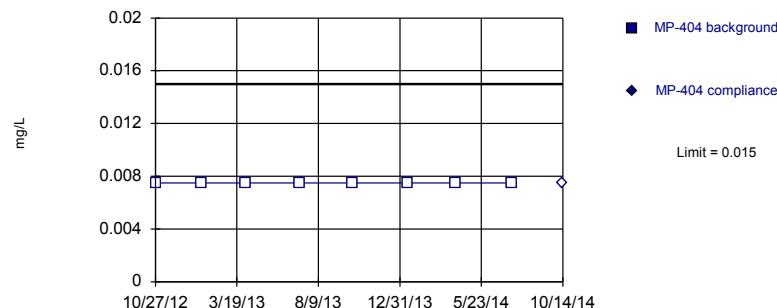
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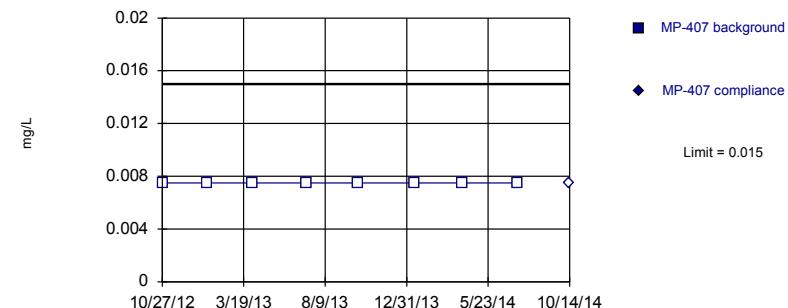


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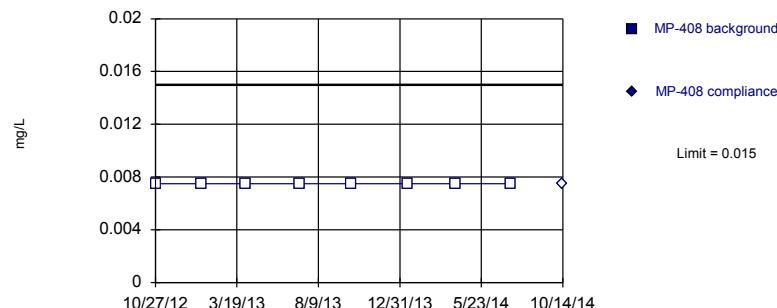
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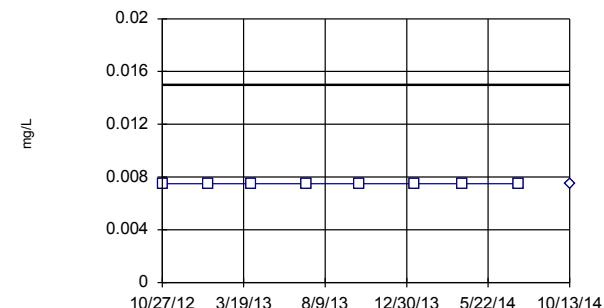


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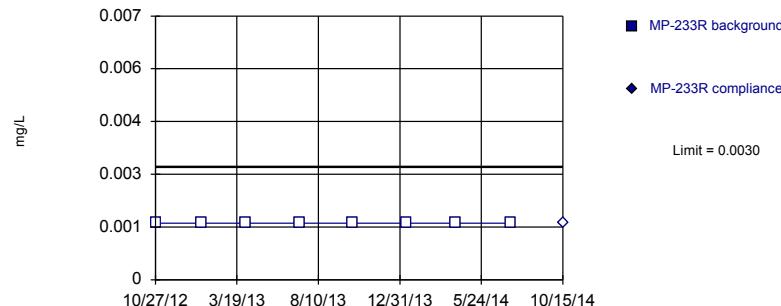
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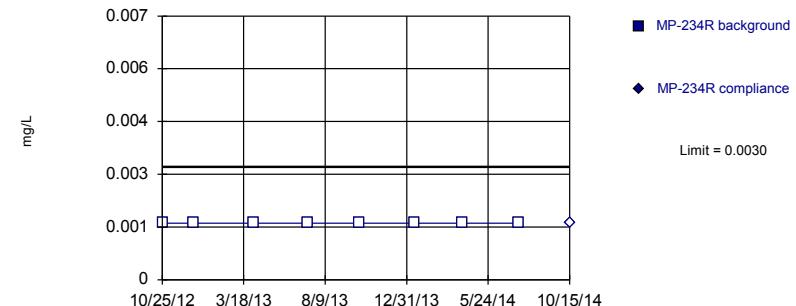


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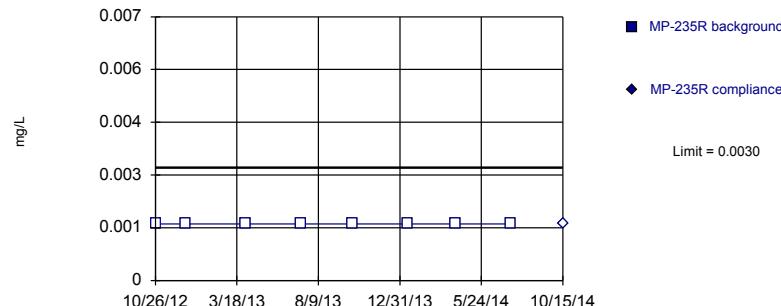
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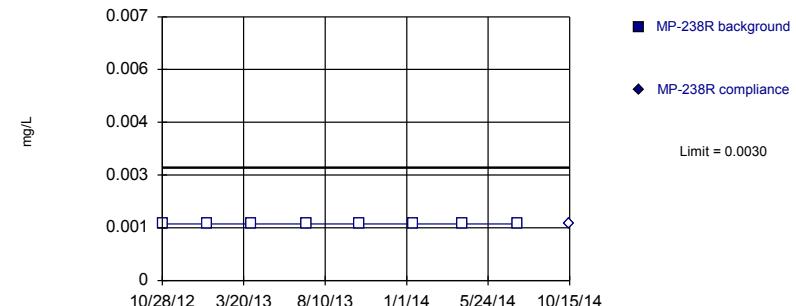


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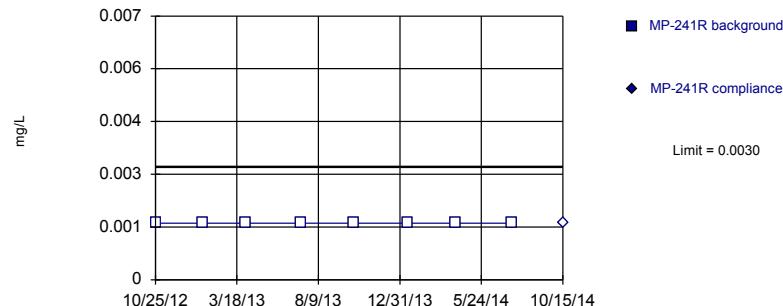
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Constituent: Silver Dissolved Analysis Run 12/18/2014 9:35 AM View: Stats
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Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

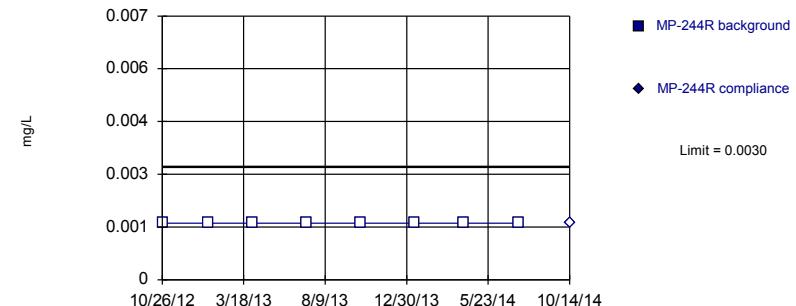


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

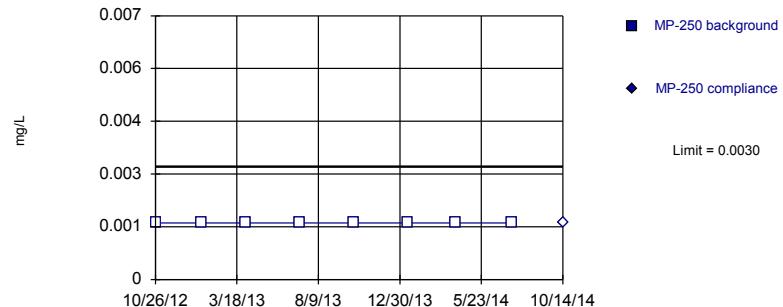
Constituent: Silver Dissolved Analysis Run 12/18/2014 9:35 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Silver Dissolved Analysis Run 12/18/2014 9:35 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

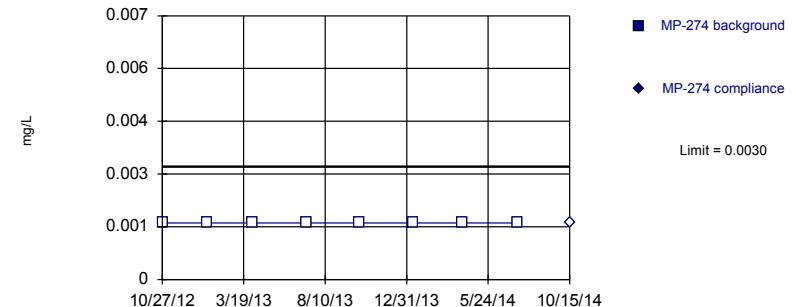


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

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Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

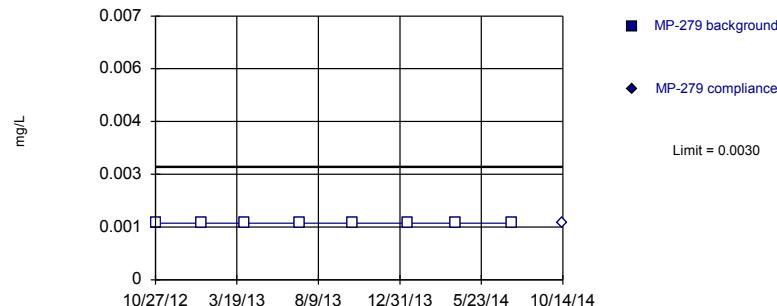
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Silver Dissolved Analysis Run 12/18/2014 9:35 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

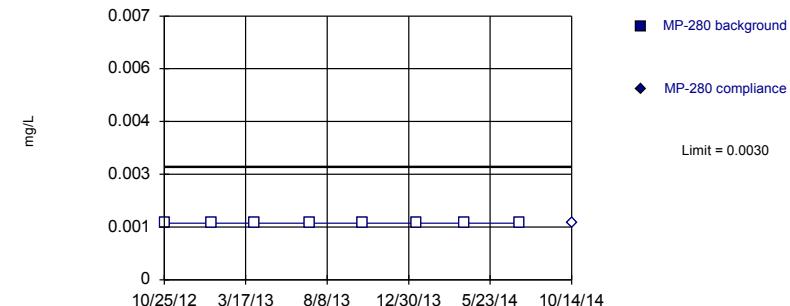


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

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Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

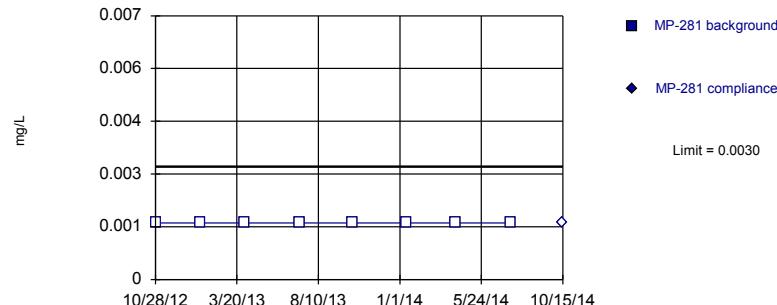
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Silver Dissolved Analysis Run 12/18/2014 9:35 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

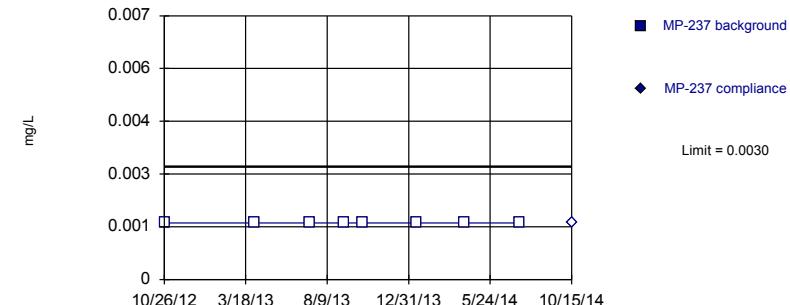


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

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Within Limit

Prediction Limit
Intrawell Non-parametric



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Individual comparison alpha = 0.02144 (1 of 2).

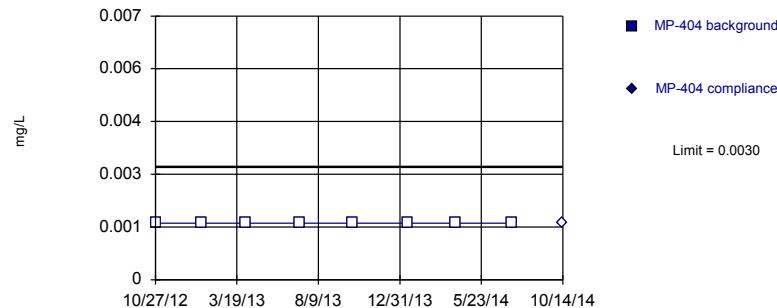
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Silver Dissolved Analysis Run 12/18/2014 9:35 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

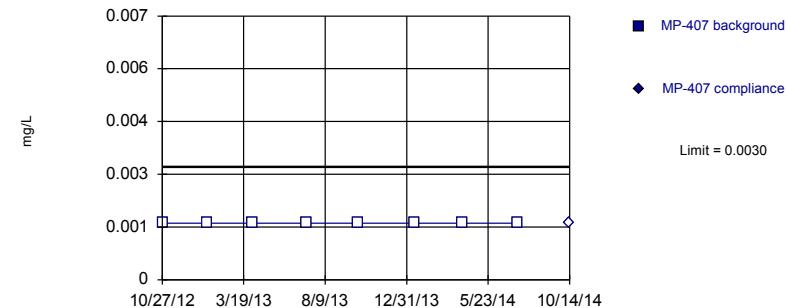


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

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Within Limit

Prediction Limit
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Individual comparison alpha = 0.02144 (1 of 2).

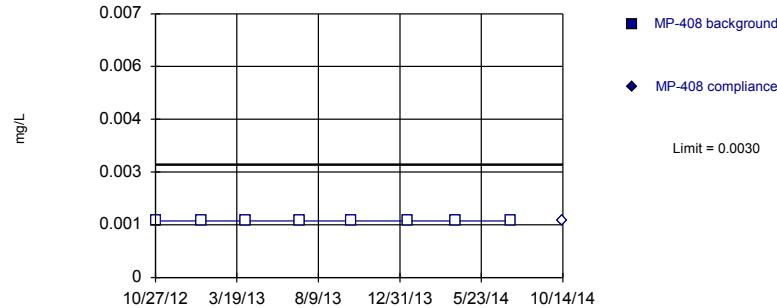
Constituent: Silver Dissolved Analysis Run 12/18/2014 9:35 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Silver Dissolved Analysis Run 12/18/2014 9:35 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

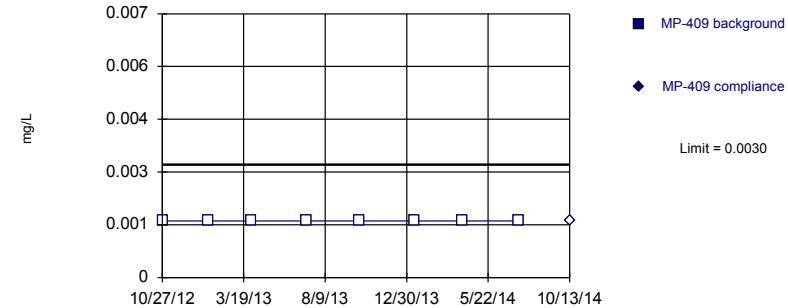


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

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Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 8) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.04242.
Individual comparison alpha = 0.02144 (1 of 2).

Constituent: Silver Dissolved Analysis Run 12/18/2014 9:35 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Constituent: Silver Dissolved Analysis Run 12/18/2014 9:35 AM View: Stats
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI

Prediction Limit

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI Printed 12/18/2014, 9:36 AM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bq N	Bq Mean	Std. Dev.	%NDs	ND Adj.	Transform	Method
Arsenic Dissolved (mg/L)	MP-233R	0.013	10/15/2014	0.0062	No	14	0.00675	0.002254	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-234R	0.015	10/15/2014	0.01	No	16	0.0068	0.003067	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-235R	0.0057	10/15/2014	0.0038	No	12	0.003075	0.0009127	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-238R	0.0010	10/15/2014	0.0005ND	No	12	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Arsenic Dissolved (mg/L)	MP-241R	0.0034	10/15/2014	0.0024	No	12	0.002	0.0004936	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-244R	0.0076	10/14/2014	0.0027	No	12	0.002825	0.001685	8.333	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-250	0.0047	10/14/2014	0.0017	No	12	0.002	0.0009539	16.67	Kaplan-Meier	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-274	0.0039	10/15/2014	0.0033	No	12	0.002217	0.0006013	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-279	0.045	10/14/2014	0.026	No	26	0.024	0.008734	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-280	0.034	10/14/2014	0.027	No	37	0.02667	0.003118	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-281	0.0041	10/15/2014	0.0032	No	12	0.002342	0.0006037	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-237	0.0023	10/15/2014	0.0017	No	8	0.001188	0.0003091	12.5	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-404	0.0063	10/14/2014	0.0047	No	8	0.003025	0.0009301	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-407	0.0091	10/14/2014	0.0047	No	8	0.004963	0.001186	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-408	0.099	10/14/2014	0.066	No	8	0.055	0.01247	0	None	No	Param Intra 1 of 2
Arsenic Dissolved (mg/L)	MP-409	0.0039	10/13/2014	0.0029	No	8	0.002325	0.0004367	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-233R	0.55	10/15/2014	0.41	No	8	0.4713	0.02232	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-234R	0.051	10/15/2014	0.046	No	8	0.03925	0.003284	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-235R	0.052	10/15/2014	0.037	No	8	0.04338	0.002446	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-238R	0.053	10/15/2014	0.044	No	8	0.04313	0.00285	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-241R	0.057	10/15/2014	0.043	No	8	0.04863	0.002387	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-244R	0.027	10/14/2014	0.022	No	8	0.02263	0.001188	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-250	0.063	10/14/2014	0.045	No	8	0.04925	0.003882	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-274	0.5	10/15/2014	0.4	No	8	0.395	0.02976	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-279	1.1	10/14/2014	0.94	No	8	0.945	0.04036	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-280	0.37	10/14/2014	0.32	No	8	0.3375	0.008864	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-281	0.31	10/15/2014	0.26	No	8	0.275	0.009258	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-237	0.033	10/15/2014	0.027	No	8	0.02863	0.001302	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-404	0.44	10/14/2014	0.32	No	8	0.37	0.0207	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-407	0.81	10/14/2014	0.68	No	8	0.7113	0.02748	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-408	0.81	10/14/2014	0.63	No	8	0.6475	0.04528	0	None	No	Param Intra 1 of 2
Barium Dissolved (mg/L)	MP-409	0.12	10/13/2014	0.11	No	8	n/a	n/a	0	n/a	n/a	NP Intra (normality) 1 of 2
Cadmium Dissolved (mg/L)	MP-233R	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-234R	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-235R	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-238R	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-241R	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-244R	0.0010	10/14/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-250	0.0010	10/14/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-274	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-279	0.0010	10/14/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-280	0.0010	10/14/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-281	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-237	0.0010	10/15/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-404	0.0010	10/14/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-407	0.0010	10/14/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-408	0.0010	10/14/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Cadmium Dissolved (mg/L)	MP-409	0.0010	10/13/2014	0.0005ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-233R	0.0096	10/15/2014	0.0025ND	No	37	n/a	n/a	94.59	n/a	n/a	NP Intra (NDs) 1 of 2
Chromium Dissolved (mg/L)	MP-234R	0.0057	10/15/2014	0.0025ND	No	36	n/a	n/a	97.22	n/a	n/a	NP Intra (NDs) 1 of 2

Prediction Limit

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI Printed 12/18/2014, 9:36 AM

Prediction Limit

Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - BTI Printed 12/18/2014, 9:36 AM

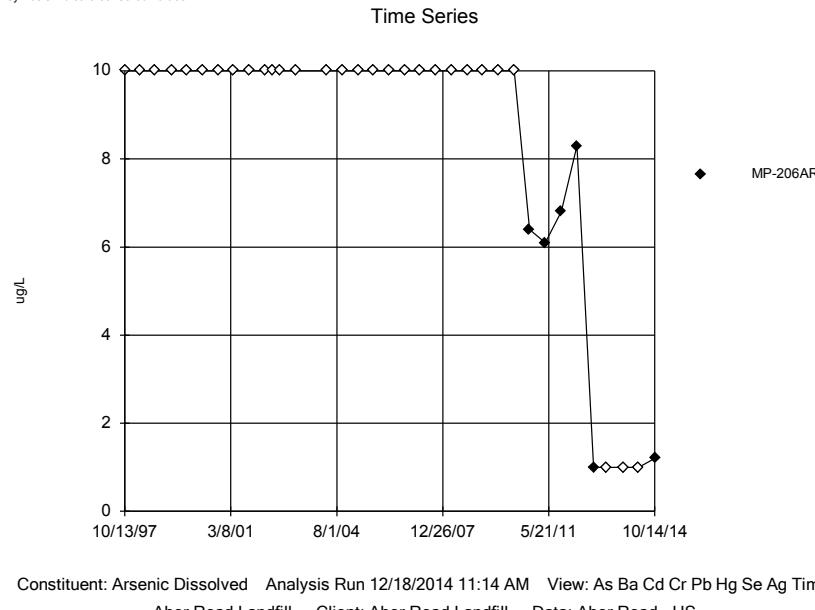
<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bq N</u>	<u>Bq Mean</u>	<u>Std. Dev.</u>	<u>%NDs</u>	<u>ND Adj.</u>	<u>Transform</u>	<u>Method</u>
Selenium Dissolved (mg/L)	MP-241R	0.015	10/15/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-244R	0.015	10/14/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-250	0.015	10/14/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-274	0.015	10/15/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-279	0.015	10/14/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-280	0.015	10/14/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-281	0.015	10/15/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-237	0.015	10/15/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-404	0.015	10/14/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-407	0.015	10/14/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-408	0.015	10/14/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Selenium Dissolved (mg/L)	MP-409	0.015	10/13/2014	0.0075ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-233R	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-234R	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-235R	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-238R	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-241R	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-244R	0.0030	10/14/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-250	0.0030	10/14/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-274	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-279	0.0030	10/14/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-280	0.0030	10/14/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-281	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-237	0.0030	10/15/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-404	0.0030	10/14/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-407	0.0030	10/14/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-408	0.0030	10/14/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2
Silver Dissolved (mg/L)	MP-409	0.0030	10/13/2014	0.0015ND	No	8	n/a	n/a	100	n/a	n/a	NP Intra (NDs) 1 of 2

APPENDIX C.

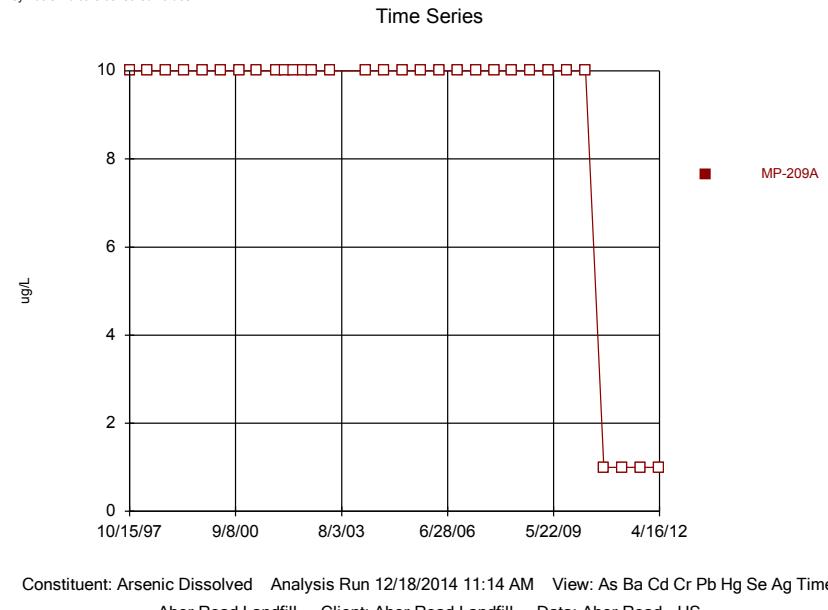
TIME-SERIES PLOTS OF METALS RESULTS

UPPER SAND WELLS

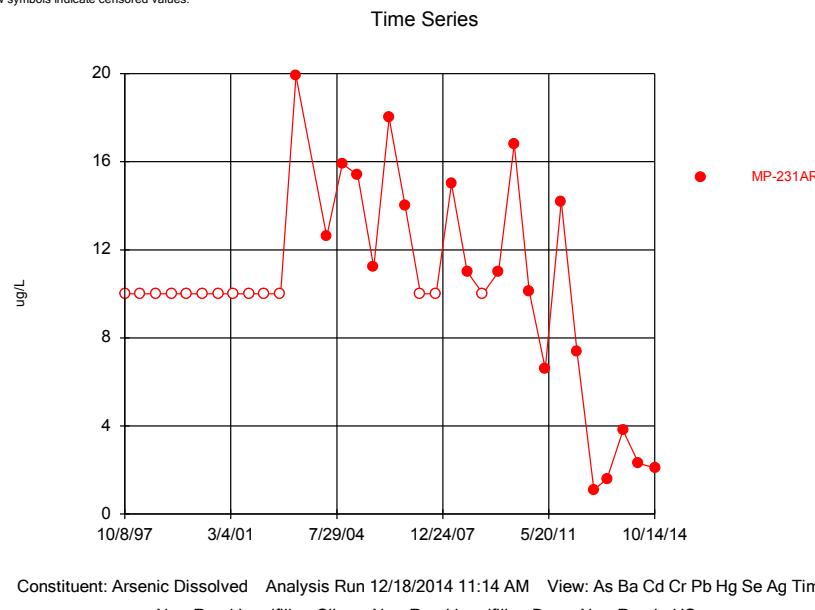
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Hollow symbols indicate censored values.



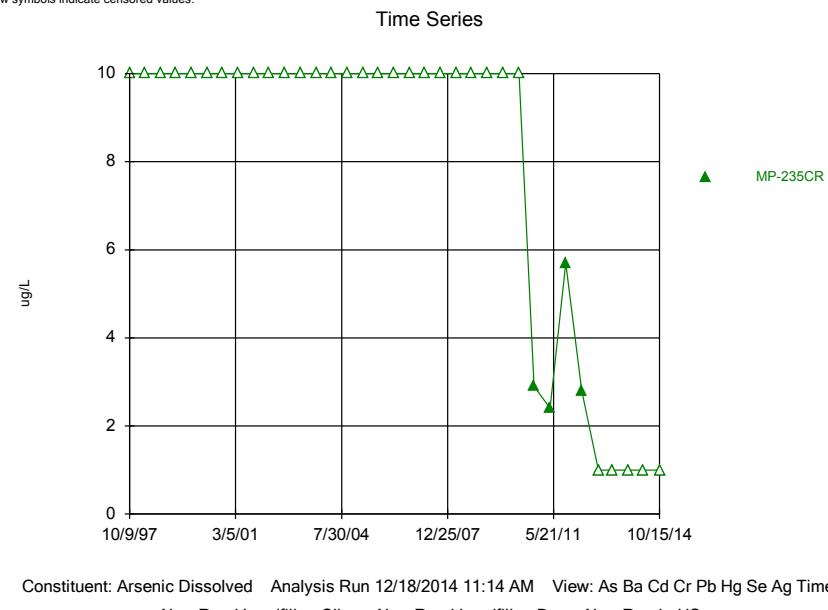
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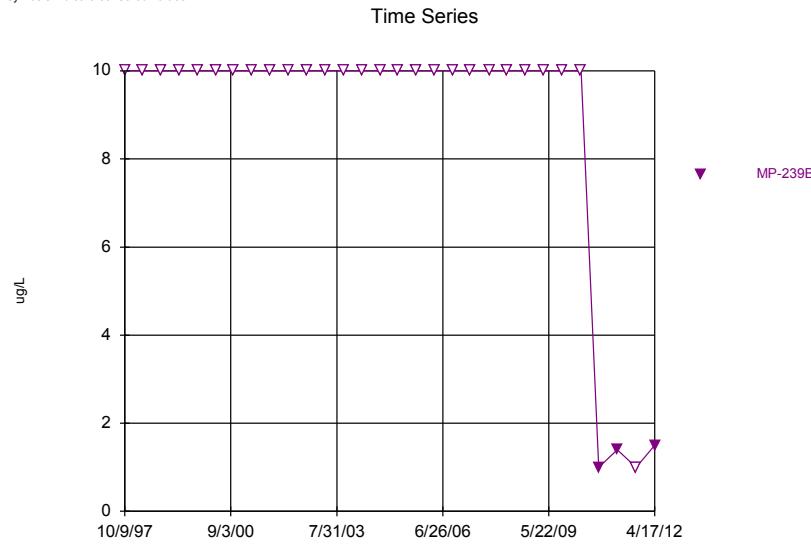
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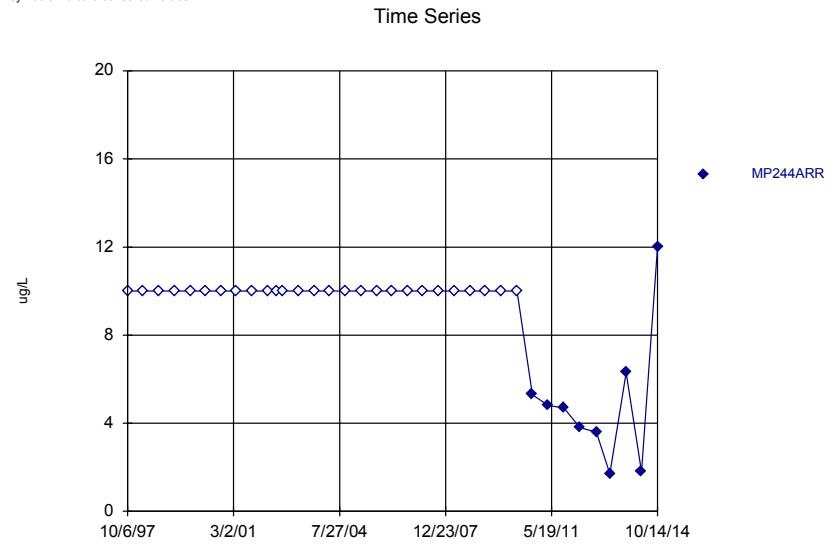


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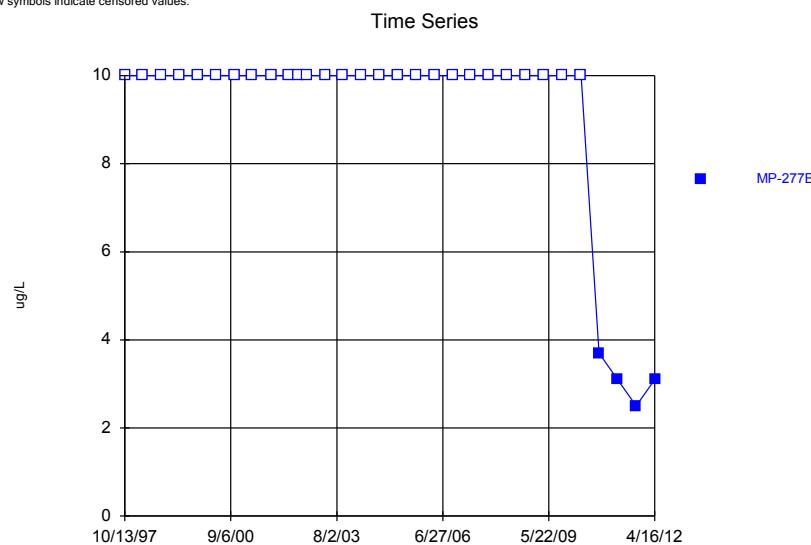
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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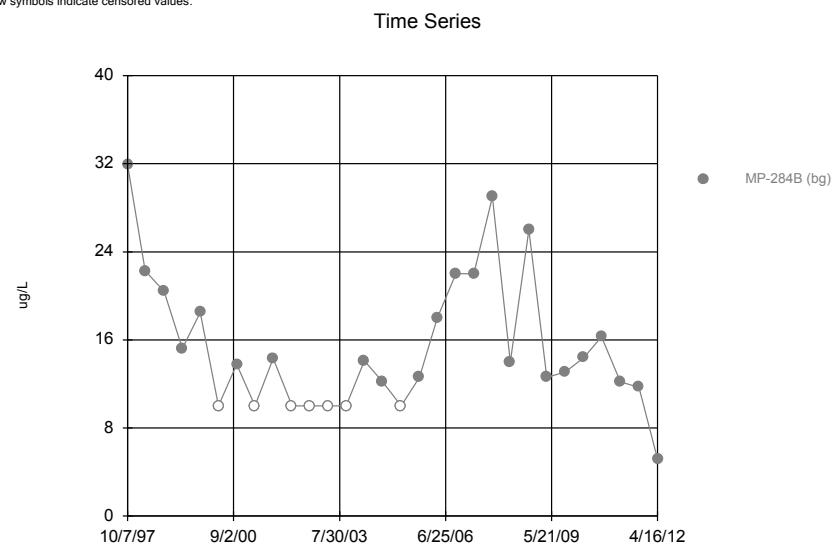
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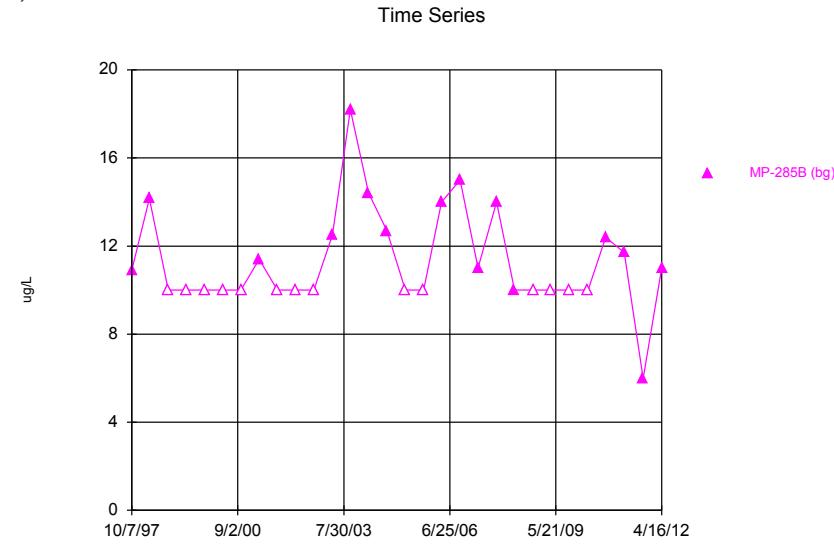
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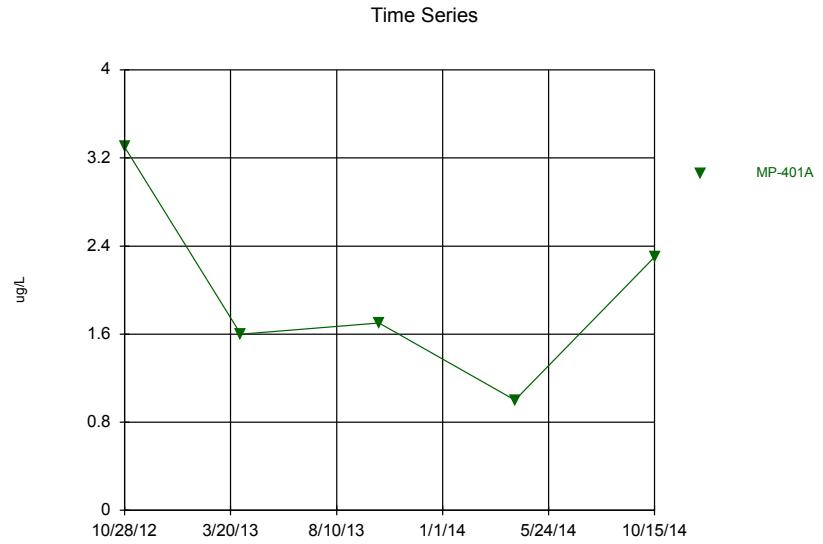
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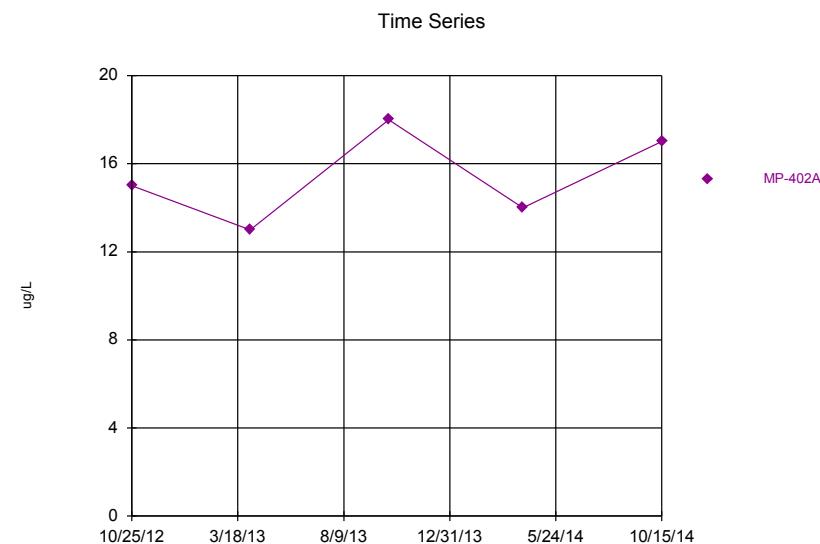
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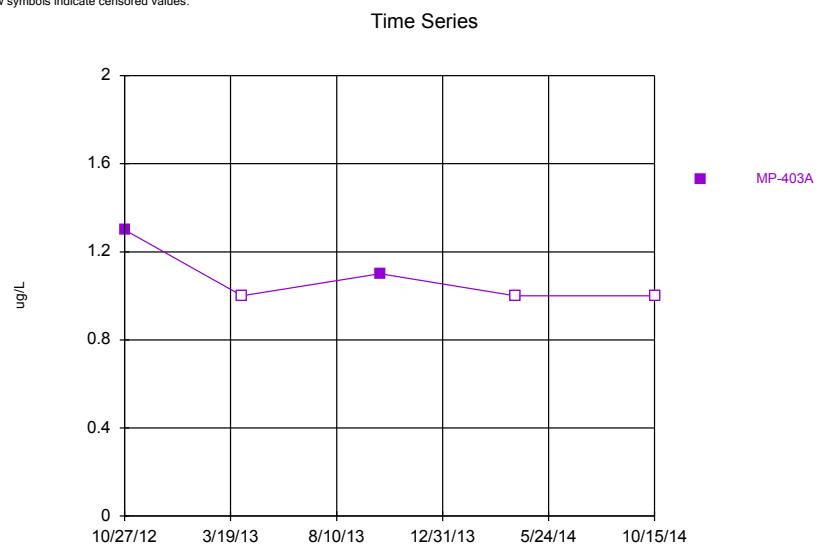
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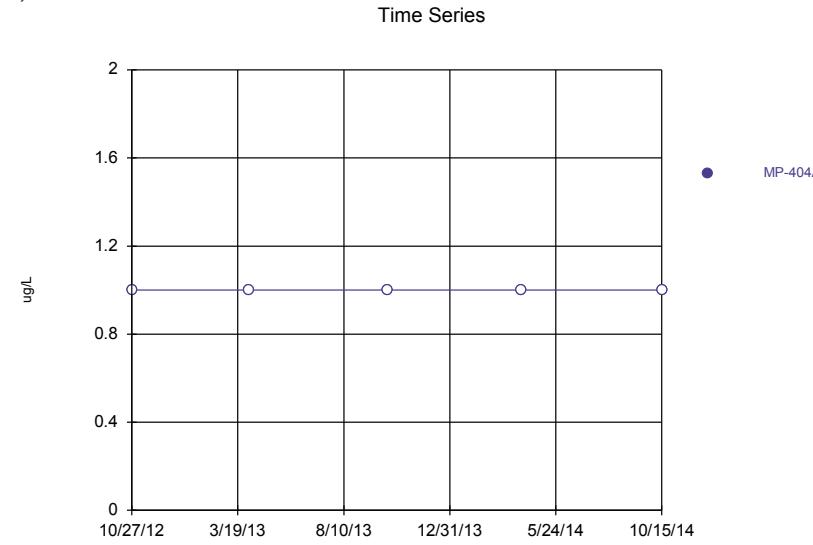
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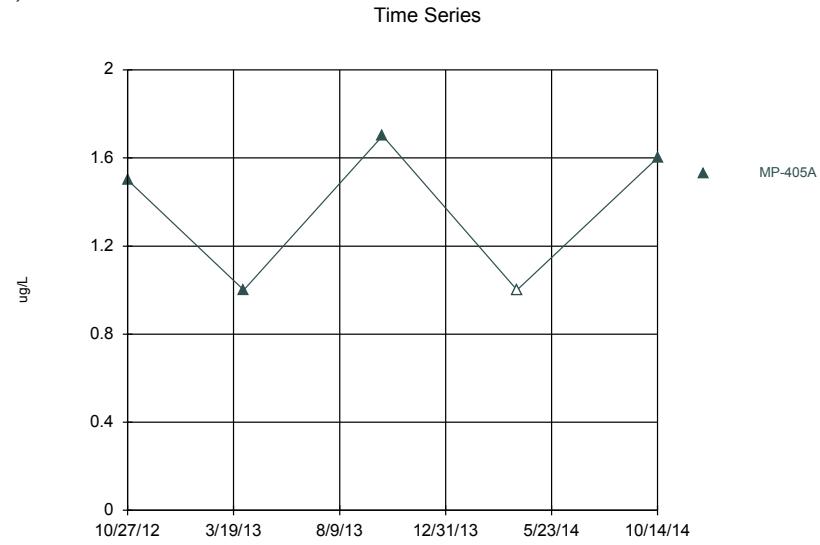
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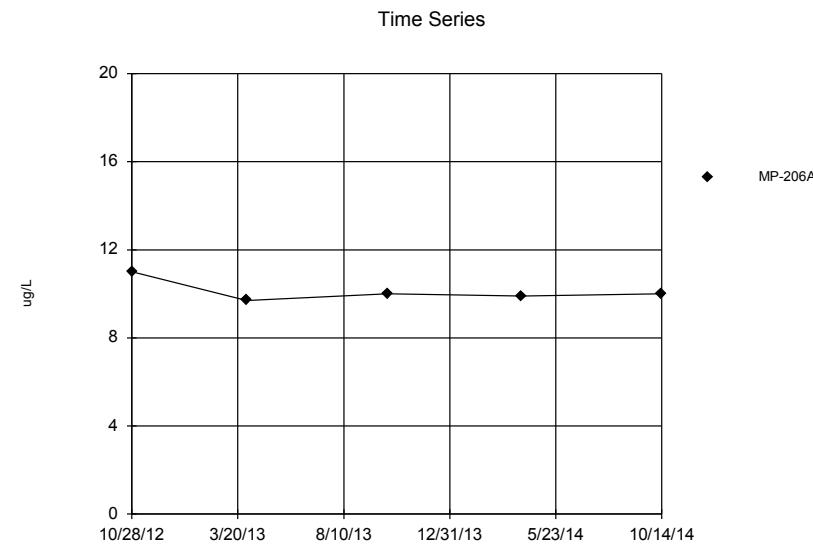
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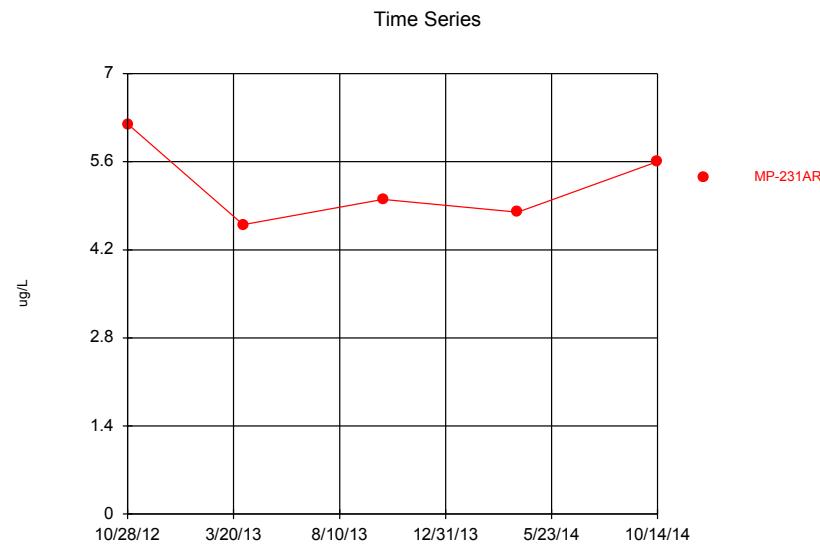
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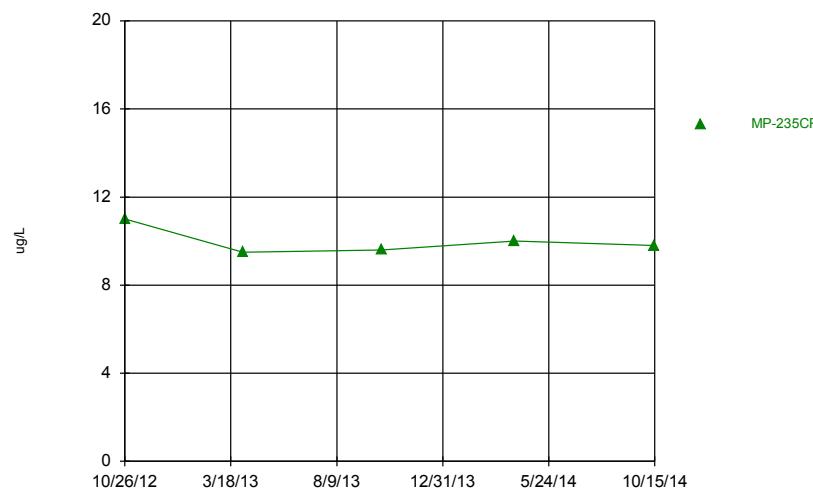
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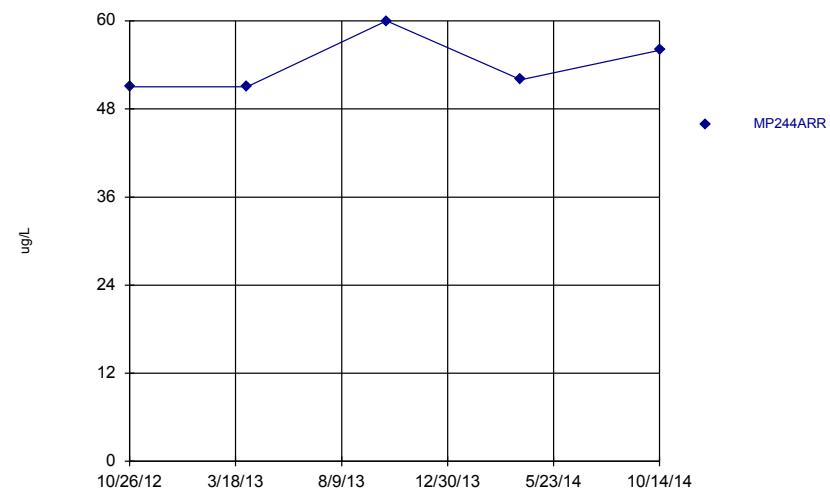


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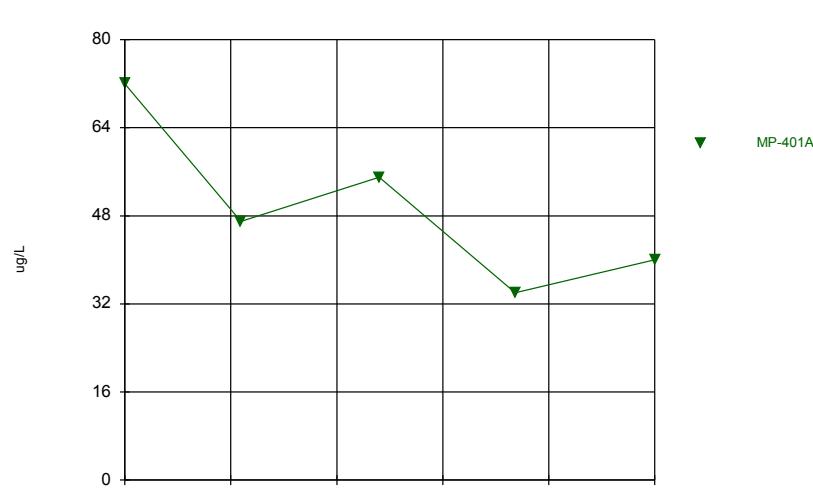
Time Series



Time Series



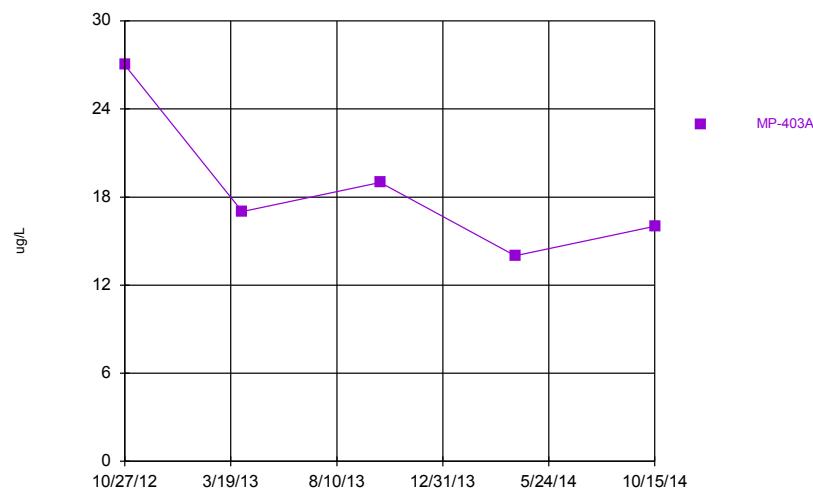
Time Series



Time Series

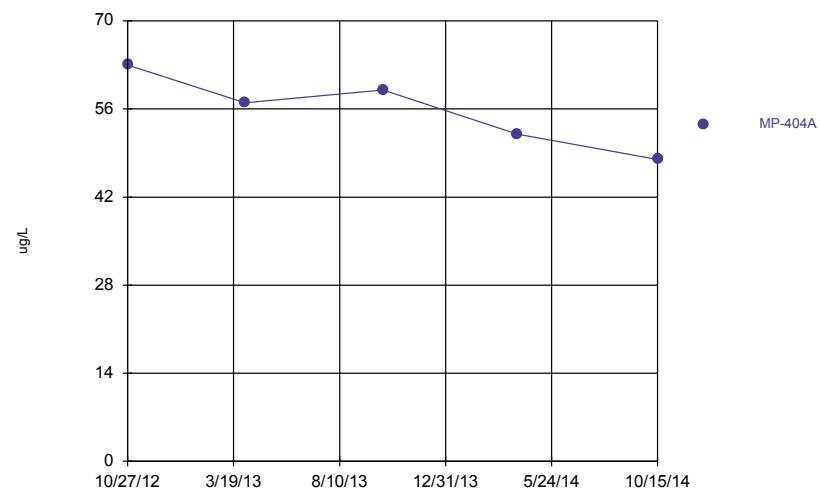


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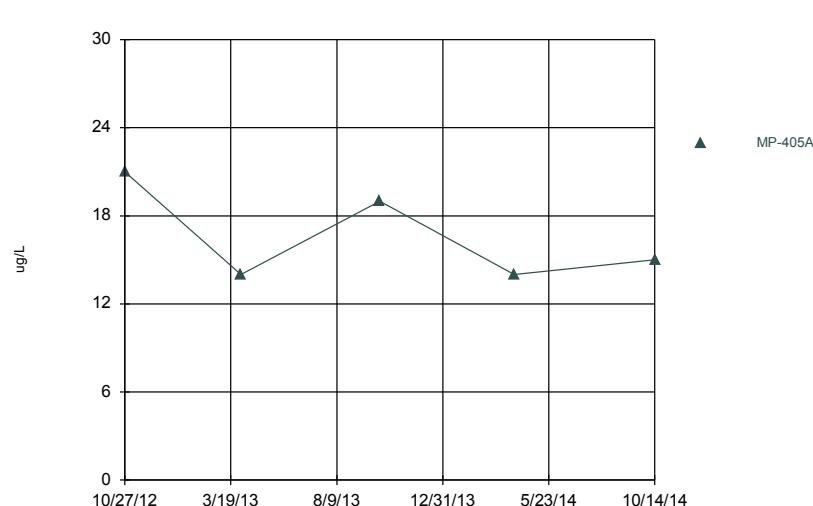
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Time Series



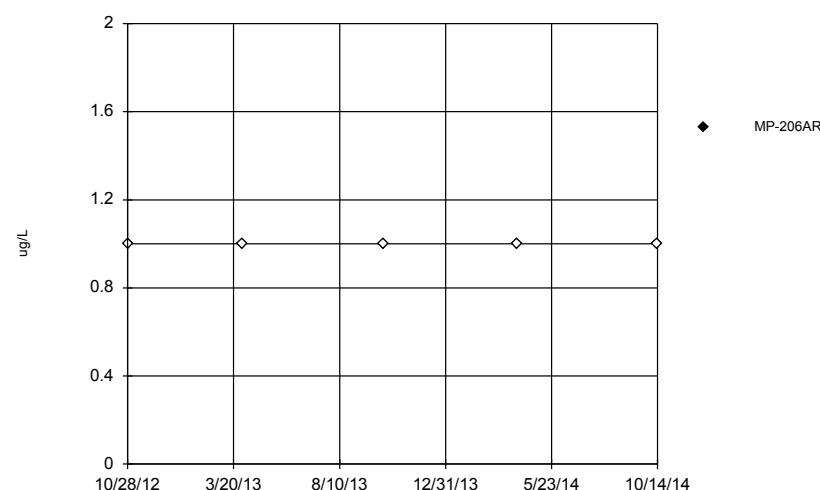
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Time Series



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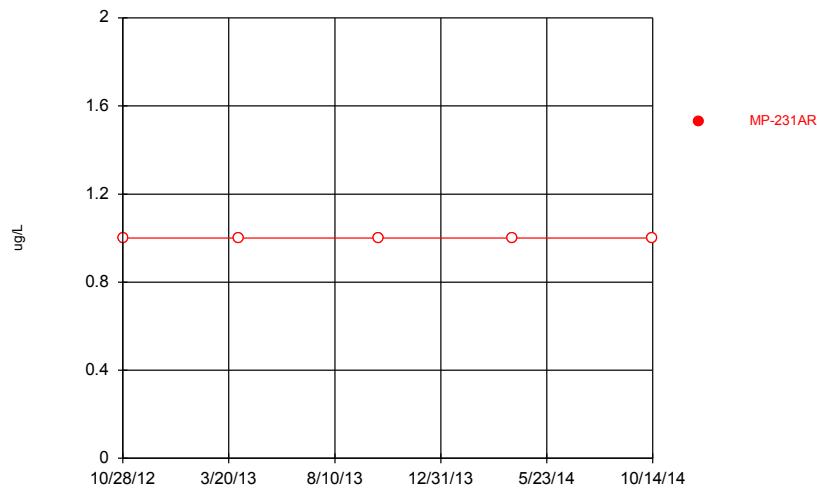
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Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

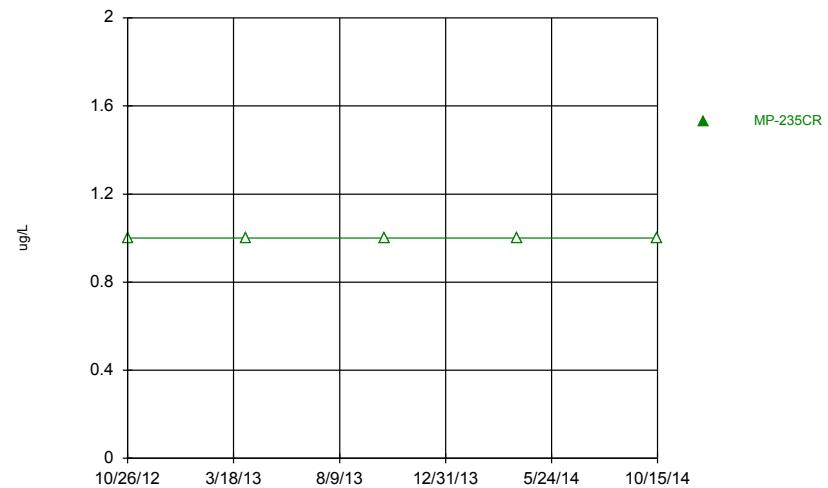
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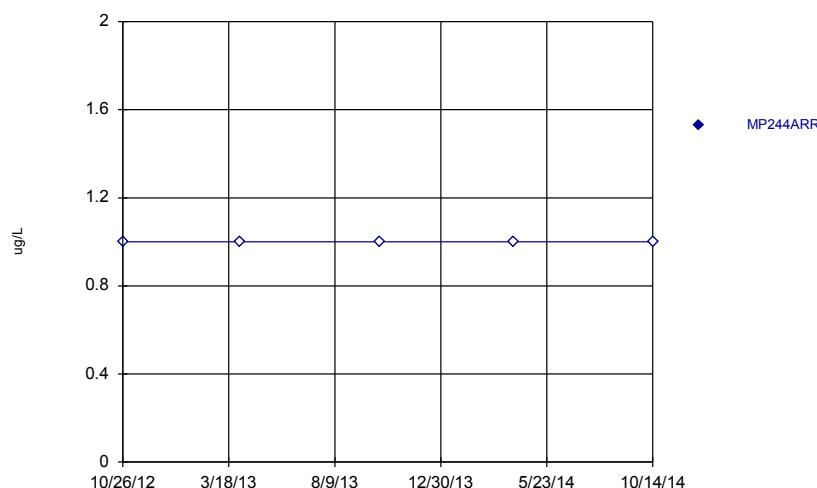
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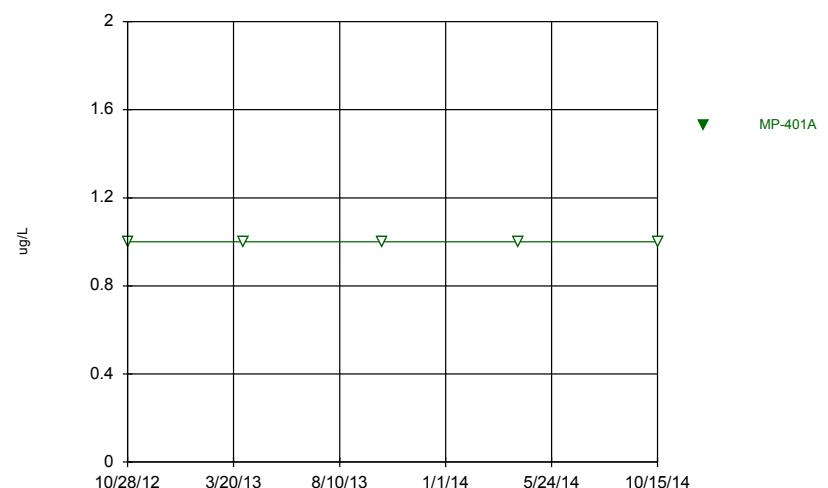
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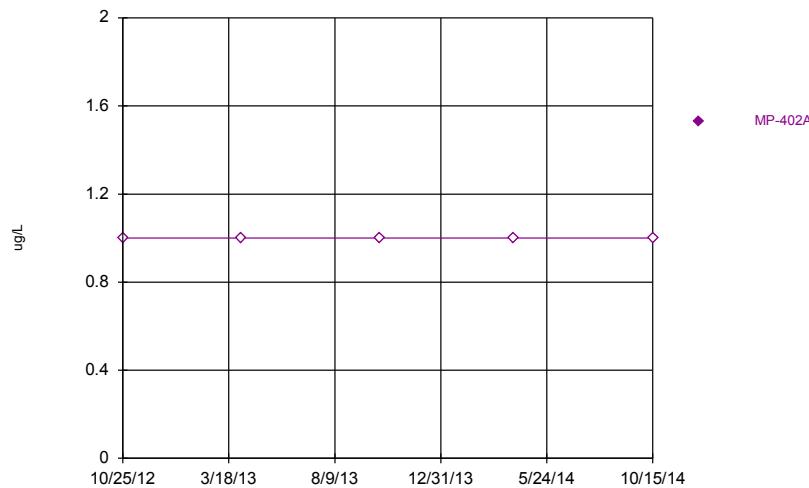
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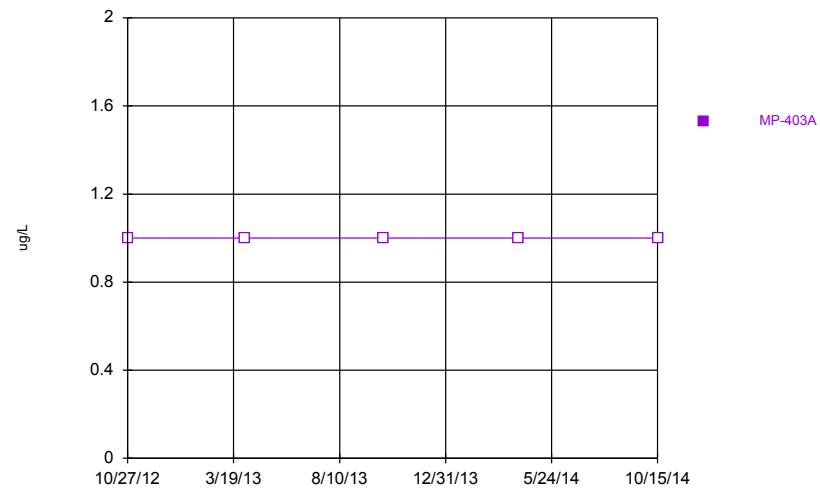
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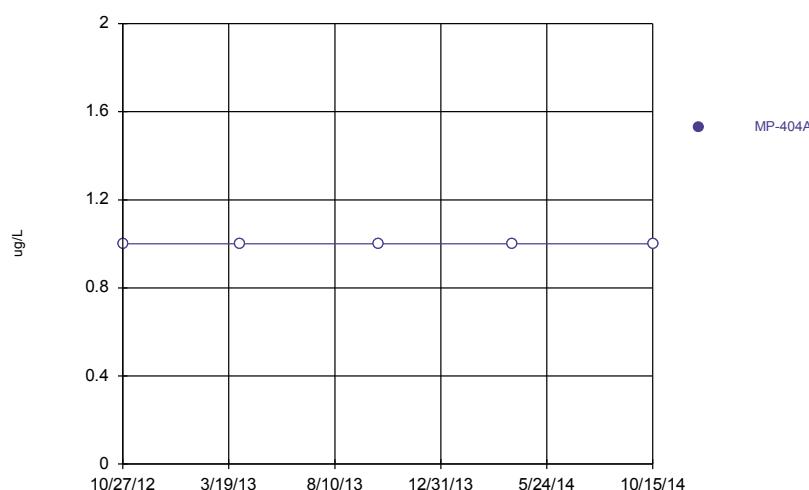
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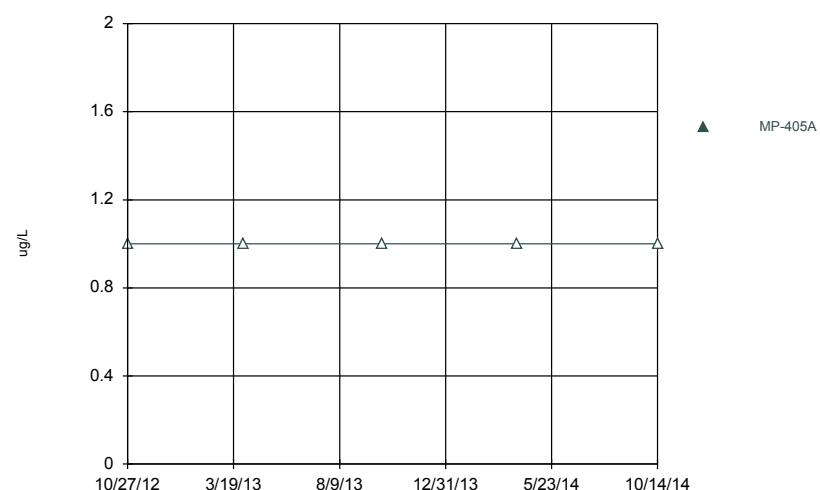
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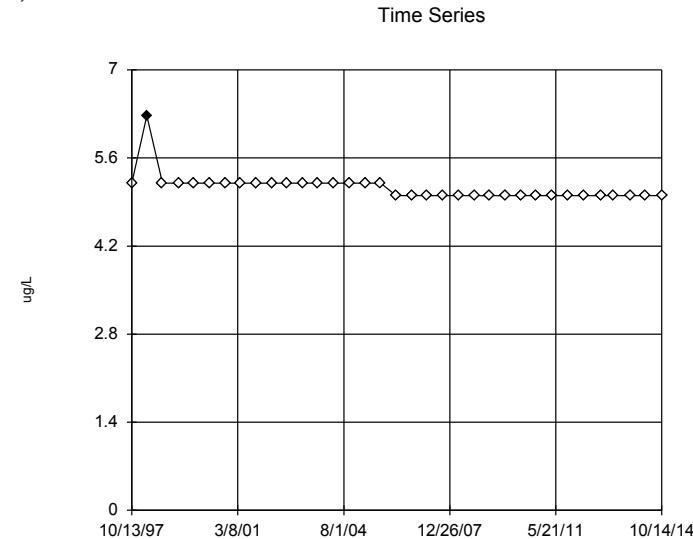
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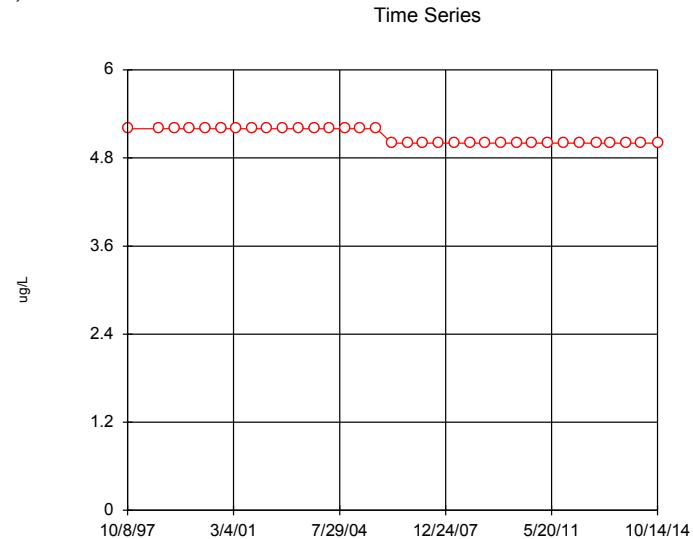
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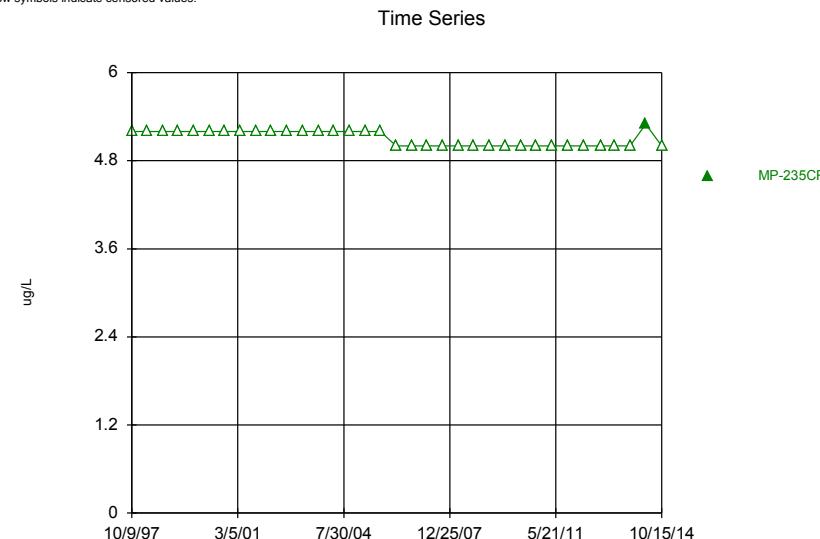
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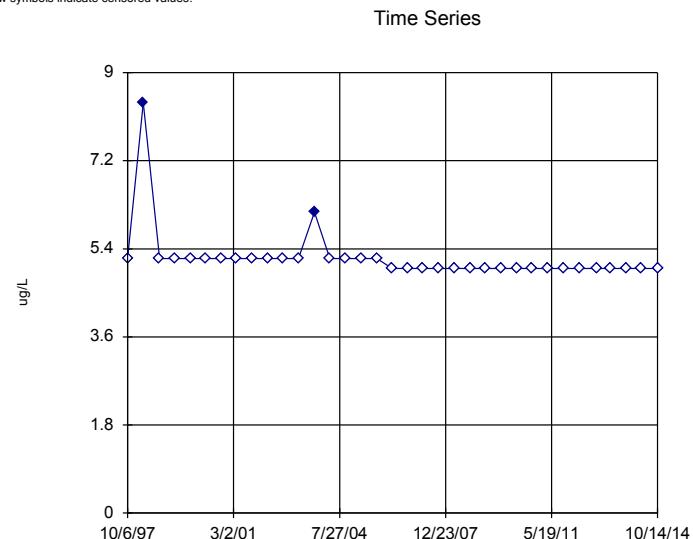
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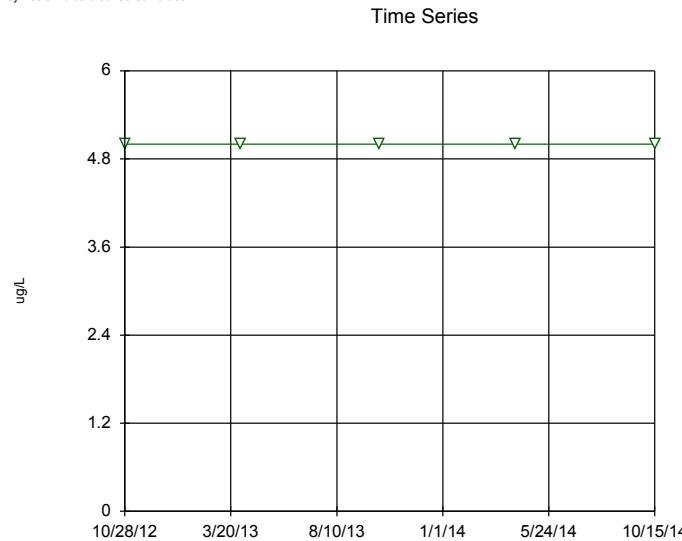
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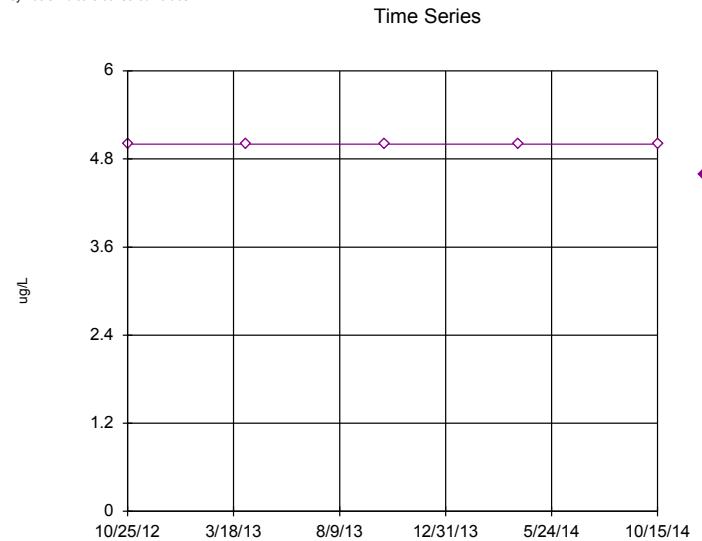
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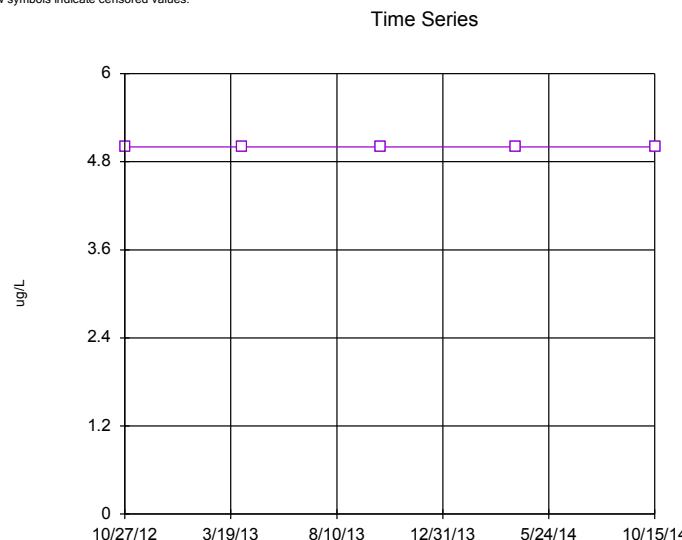
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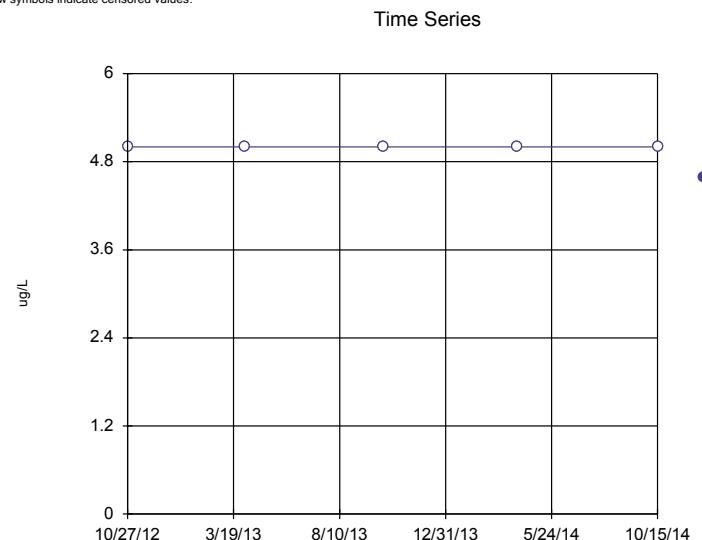
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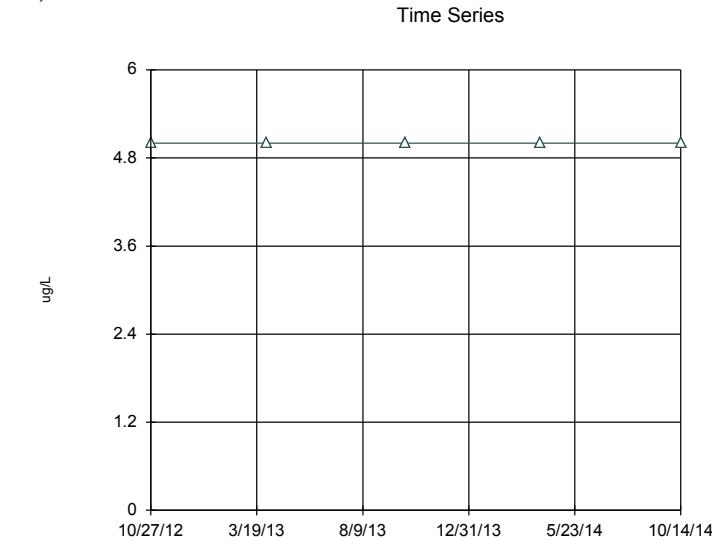
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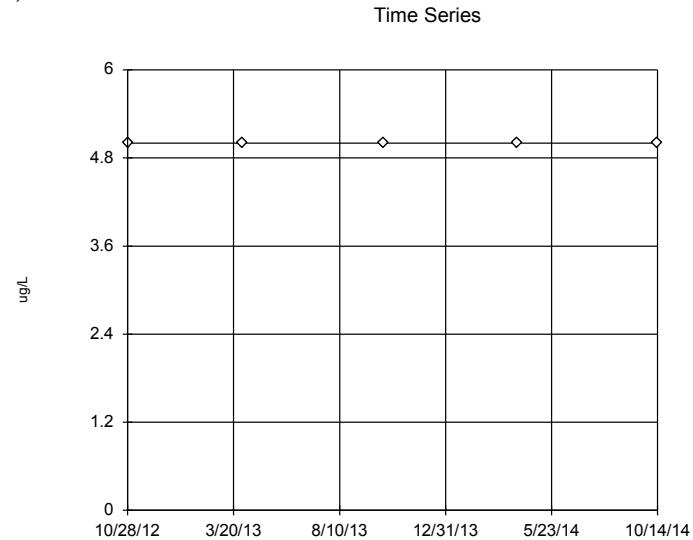
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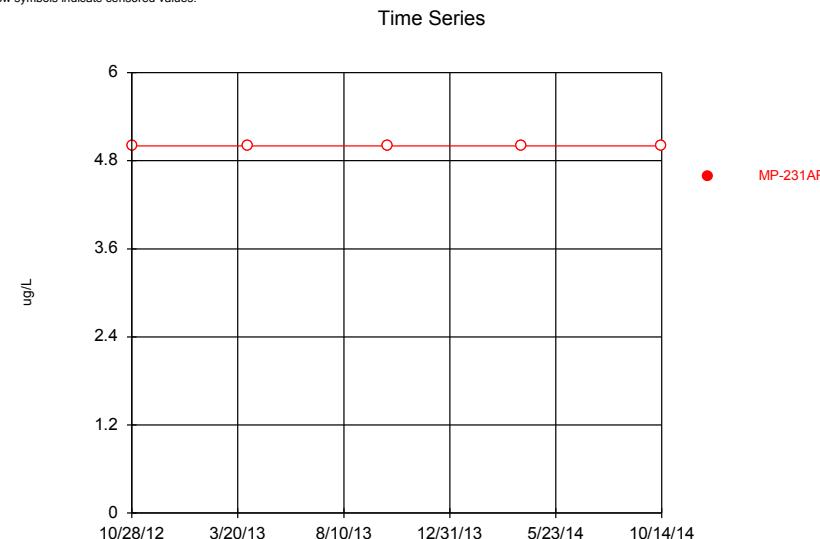
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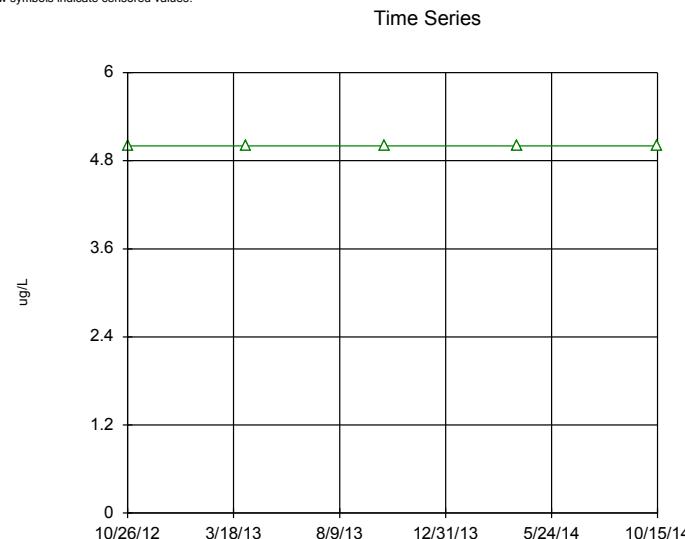
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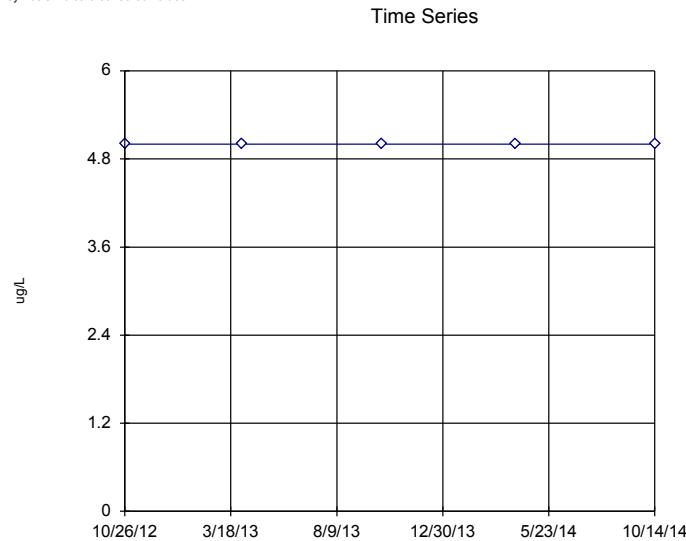
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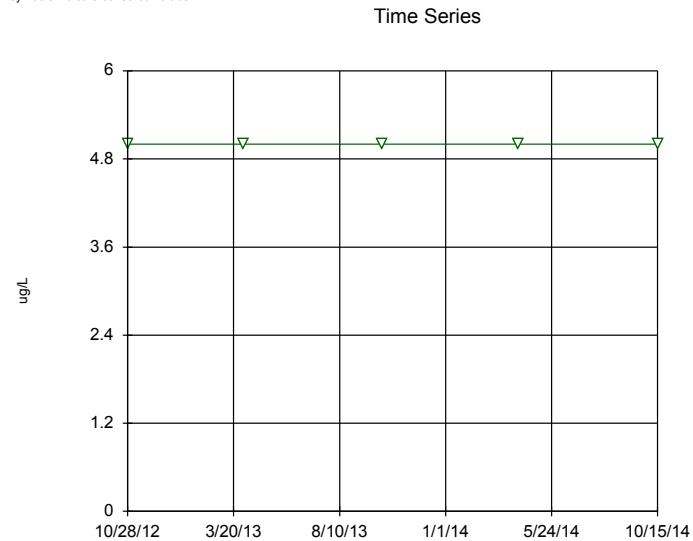
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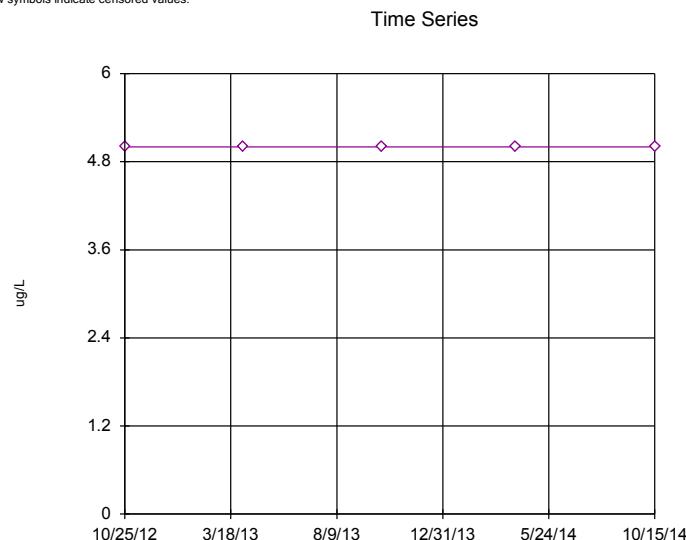
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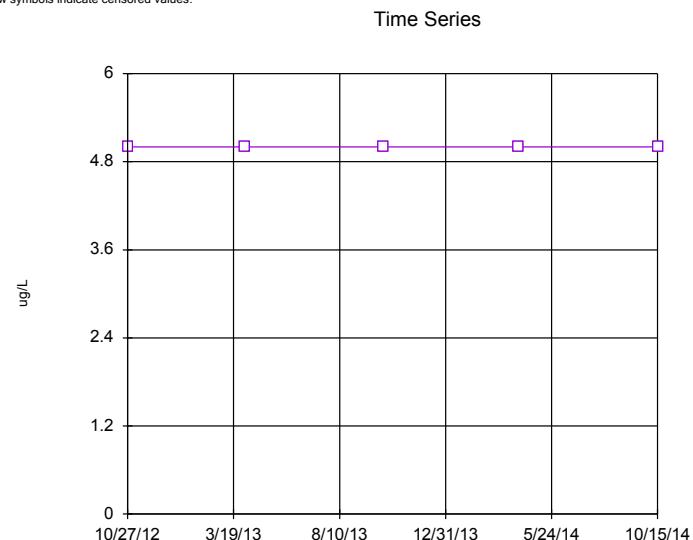
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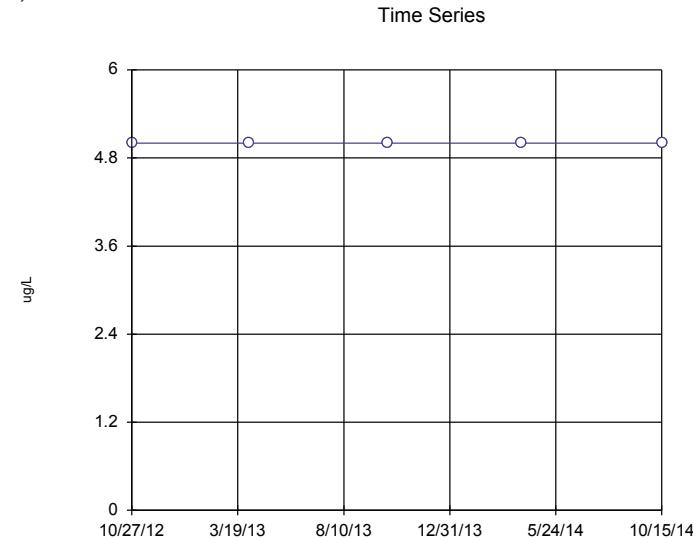
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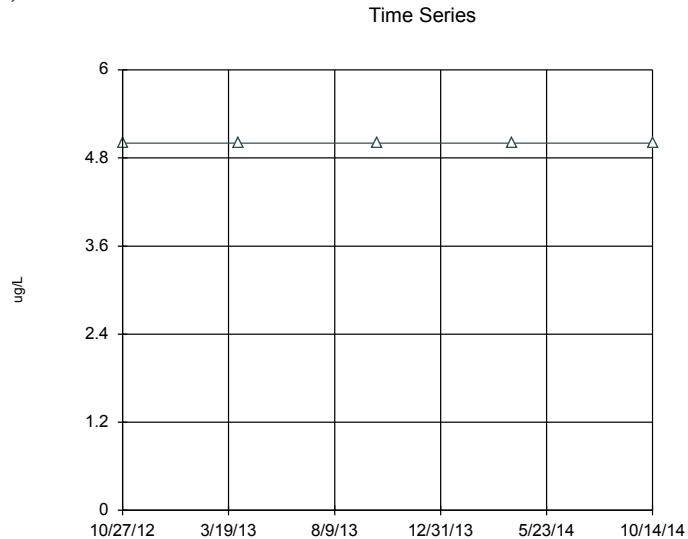
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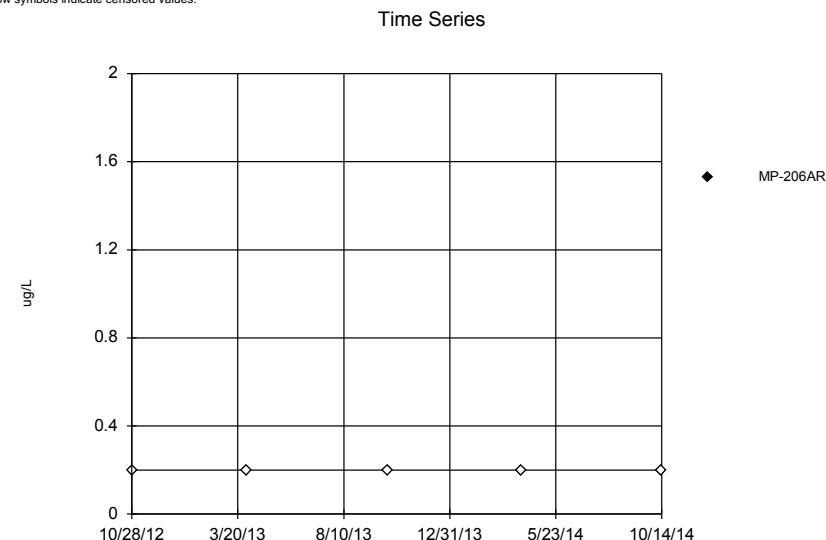
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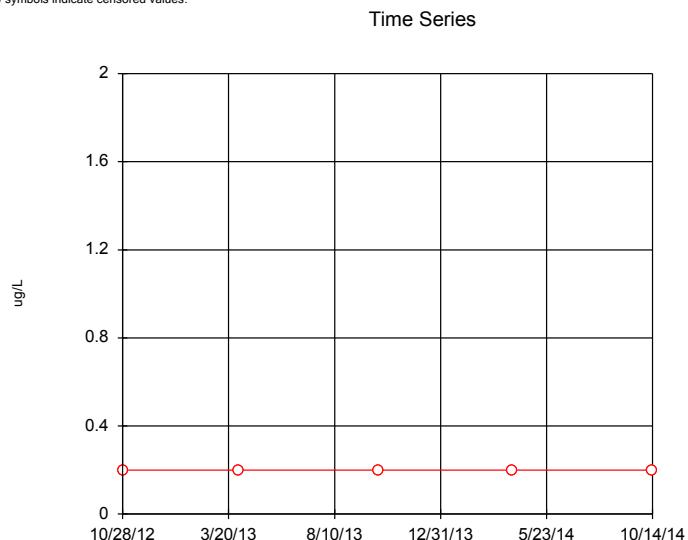
Constituent: Lead Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time Se
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.



Constituent: Mercury Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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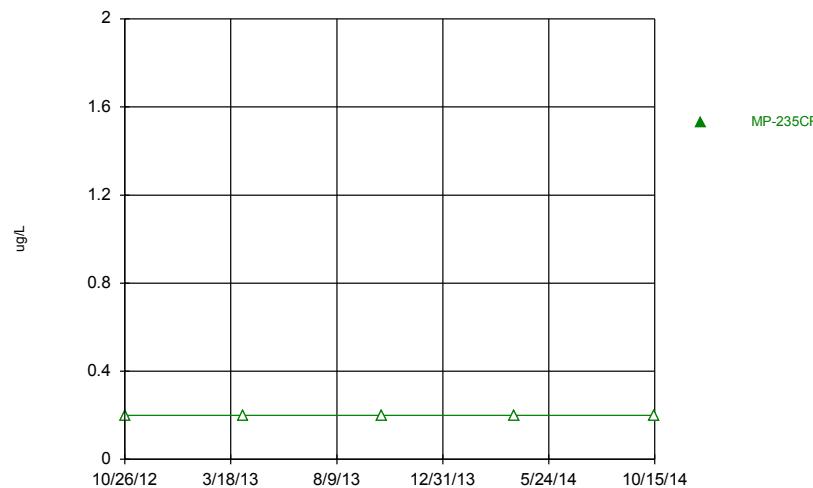


Constituent: Mercury Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

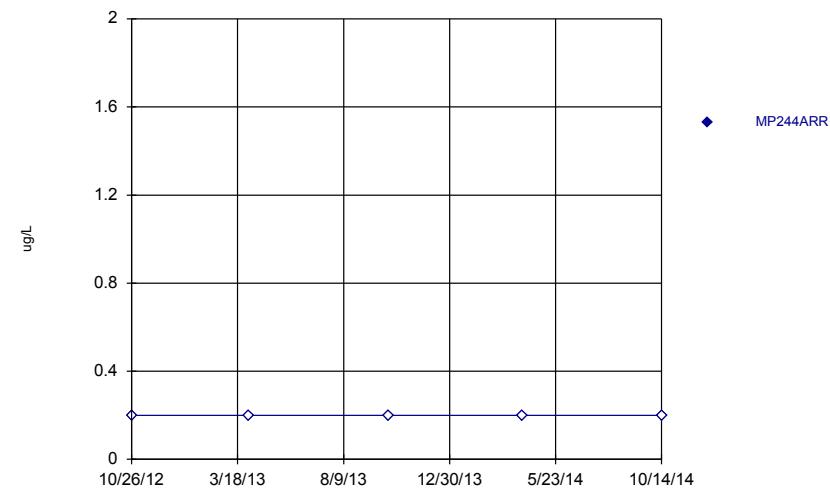
Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Mercury Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

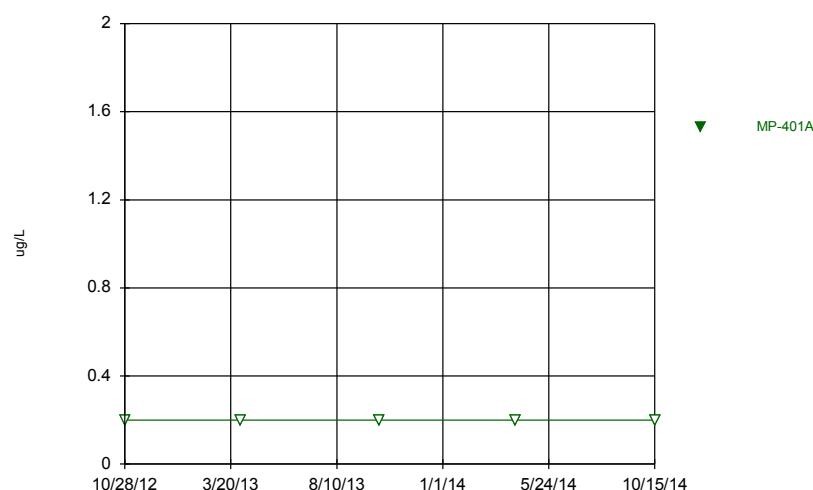
Time Series



Constituent: Mercury Dissolved Analysis Run 12/18/2014 11:15 AM View: As Ba Cd Cr Pb Hg Se Ag Time
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

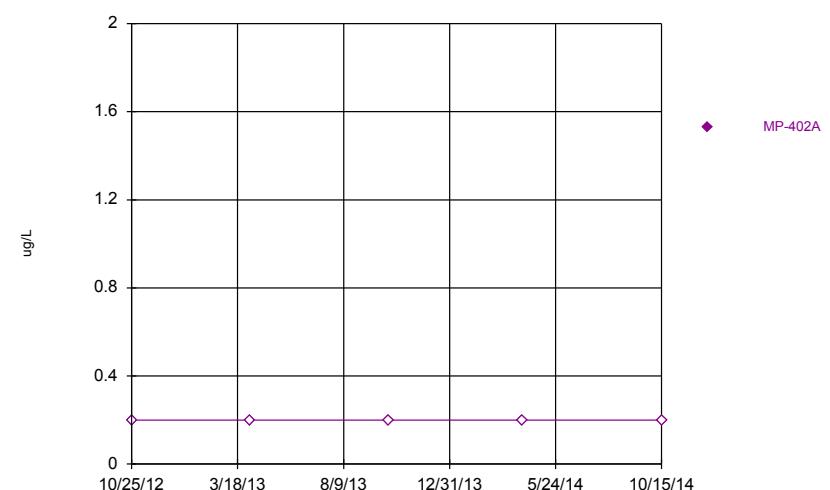
Time Series



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Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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Time Series

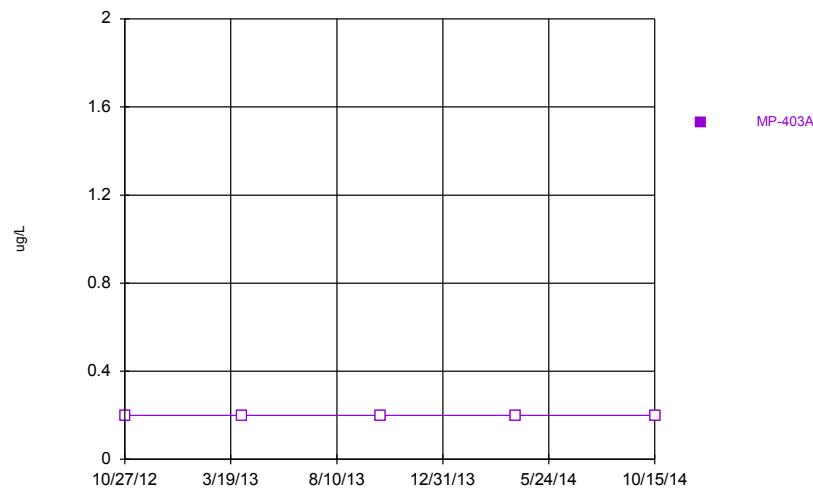


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Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

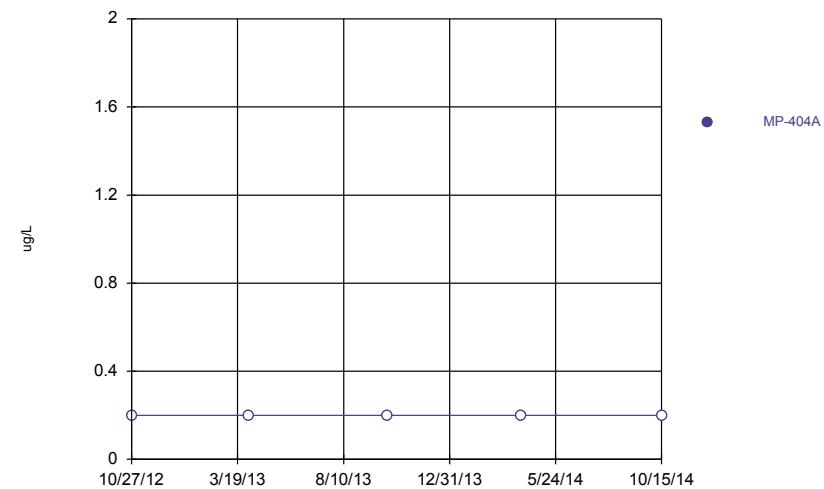
Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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Time Series



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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

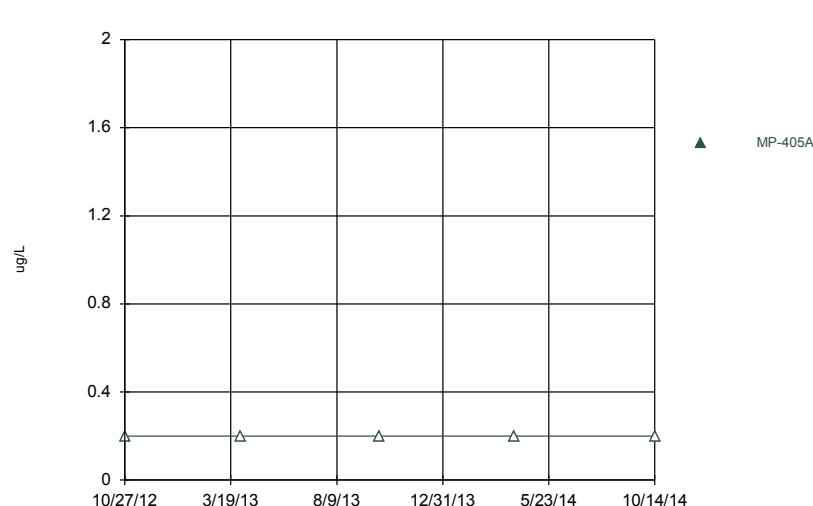
Time Series



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Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.

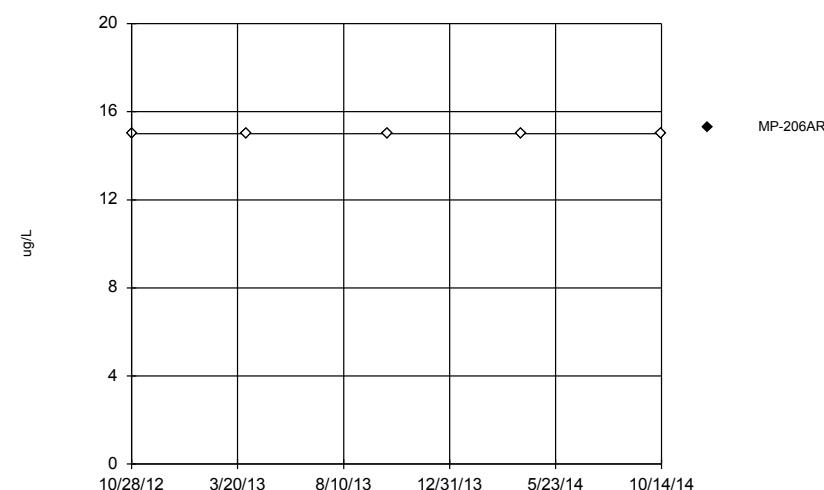
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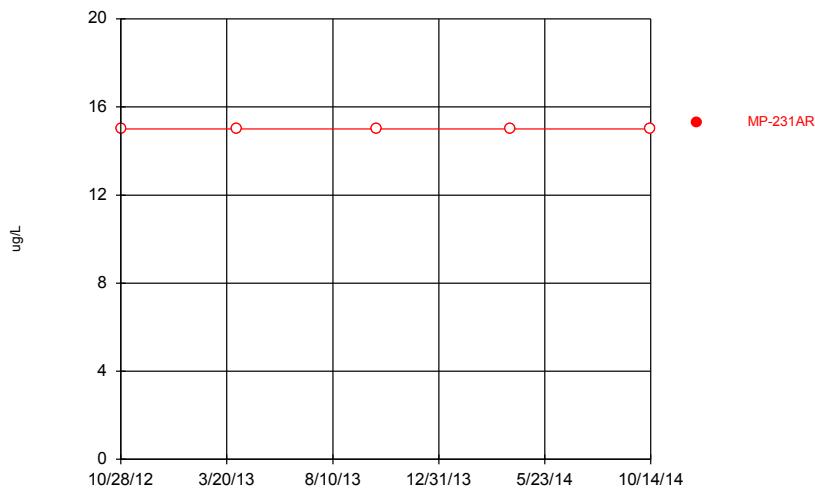
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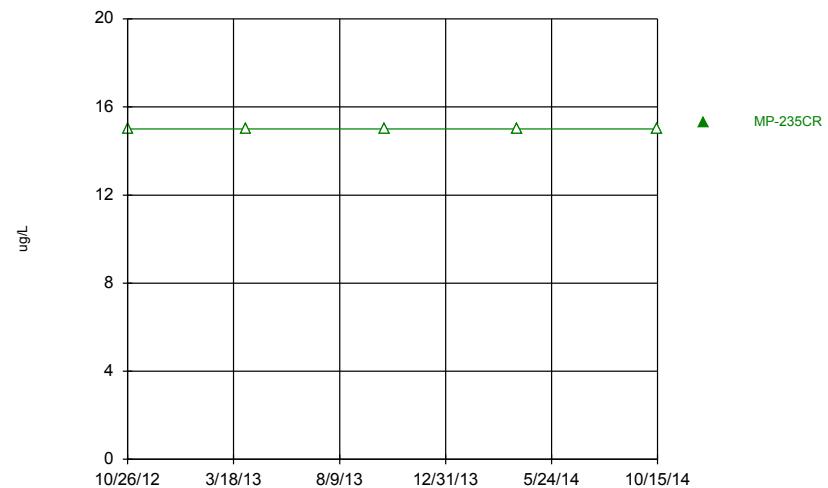
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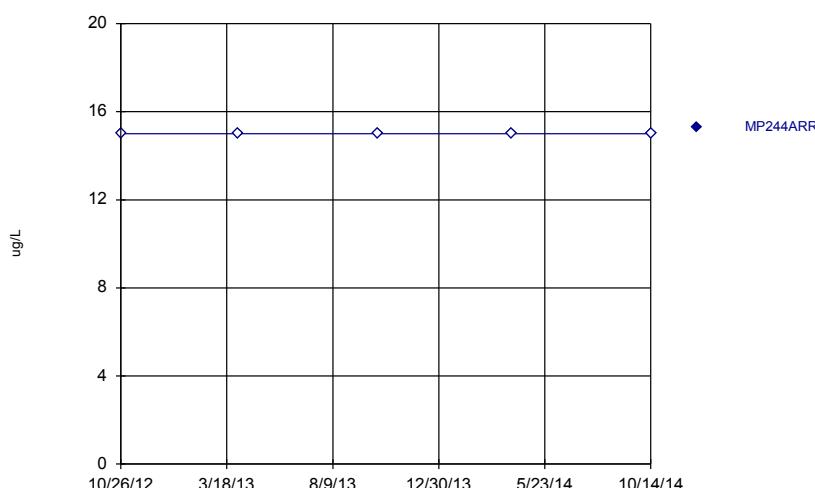
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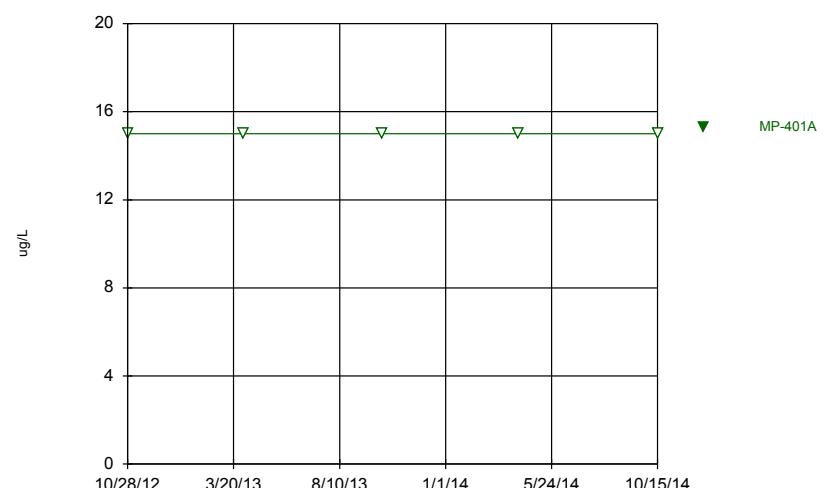
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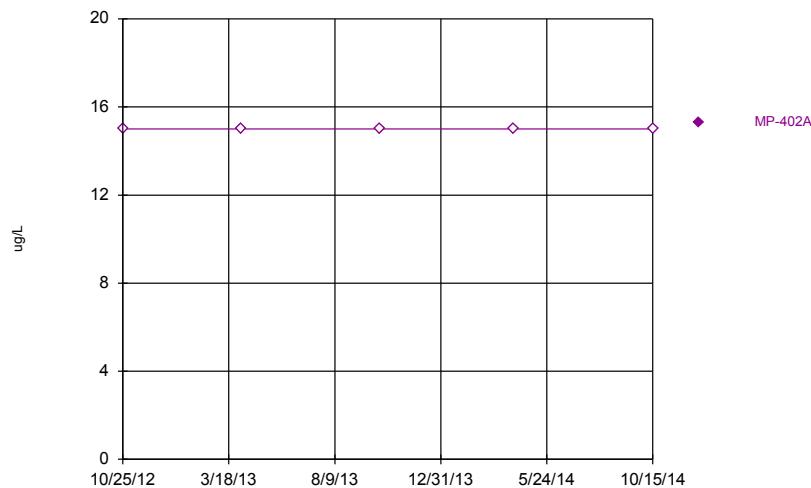
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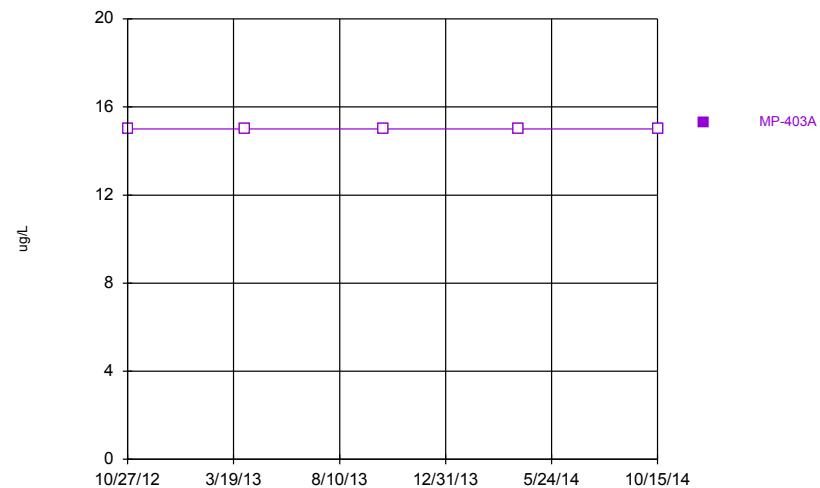
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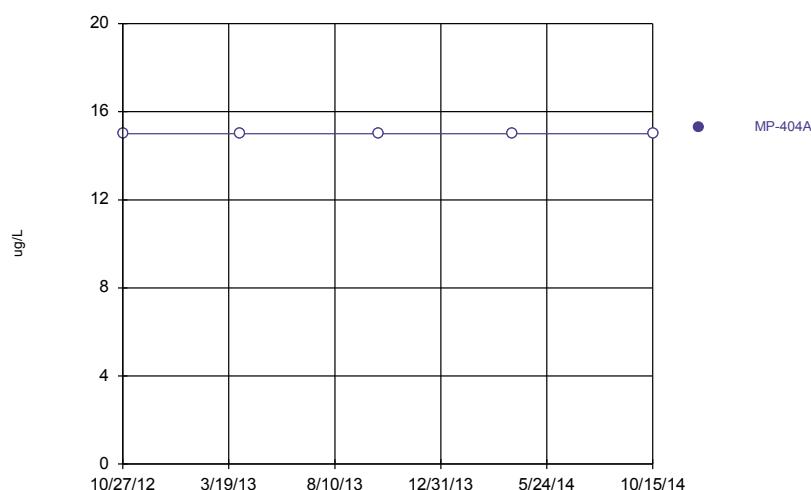
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Hollow symbols indicate censored values.

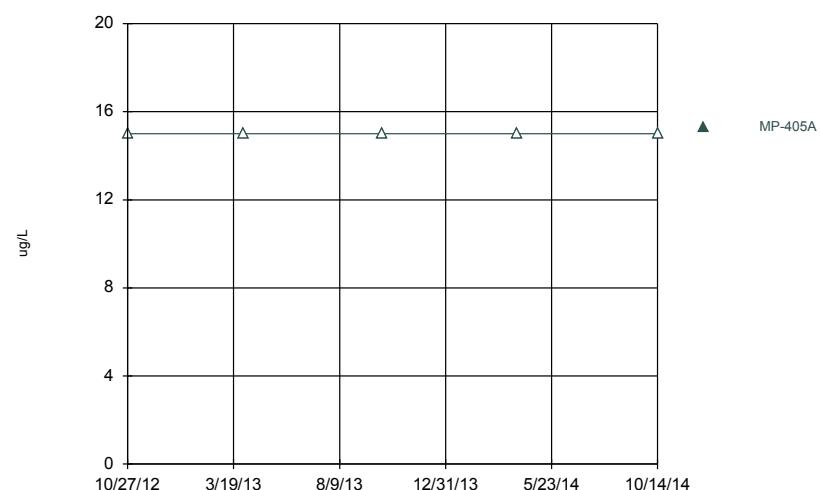
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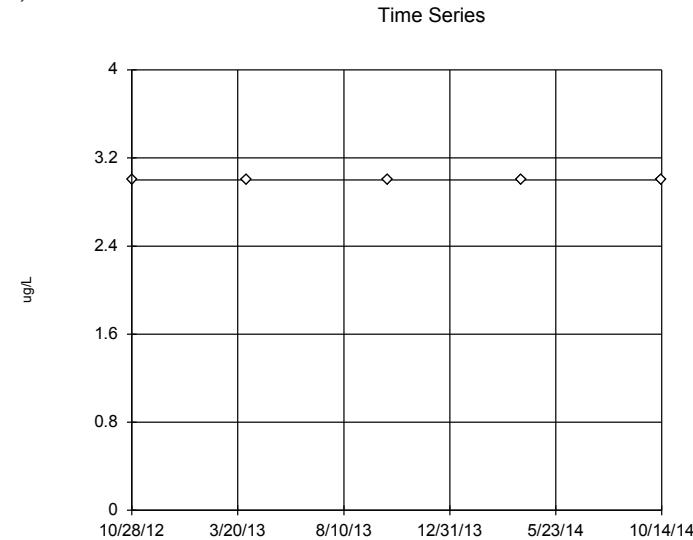
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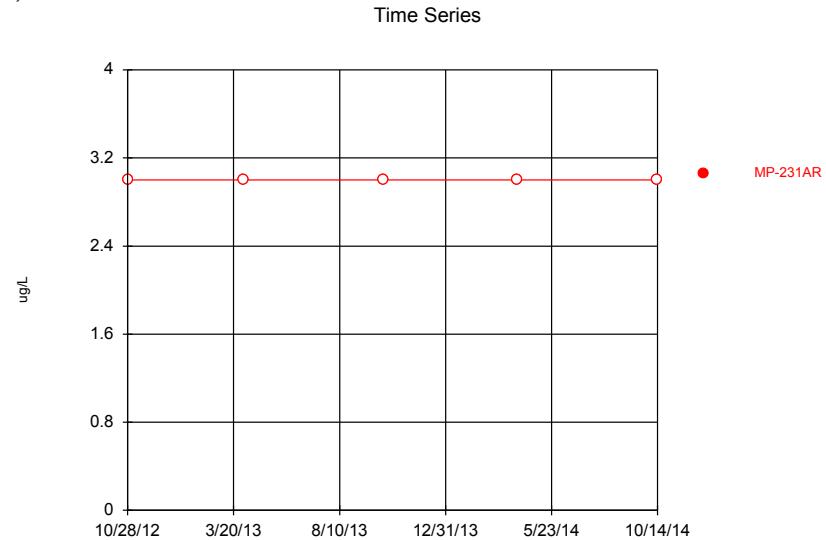
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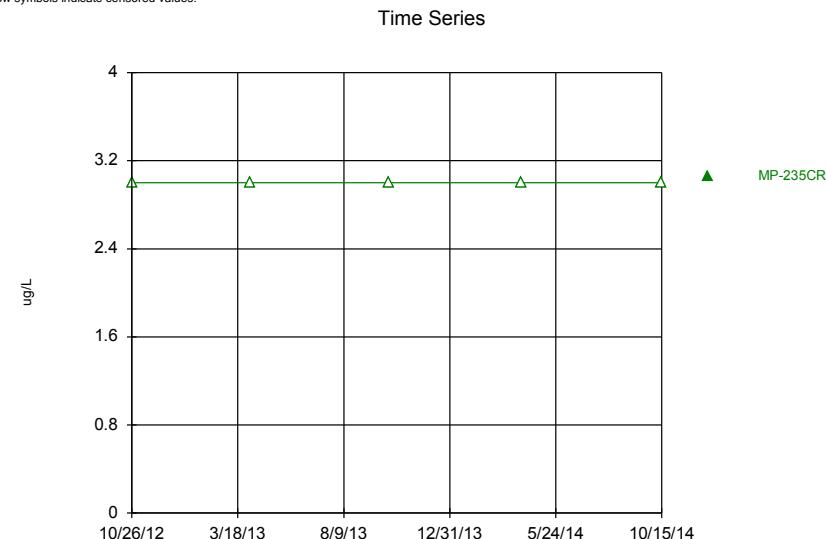
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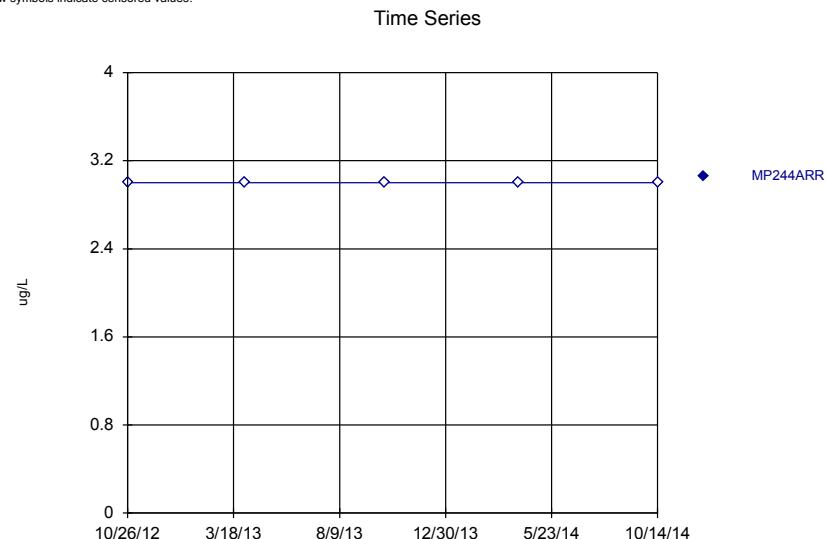
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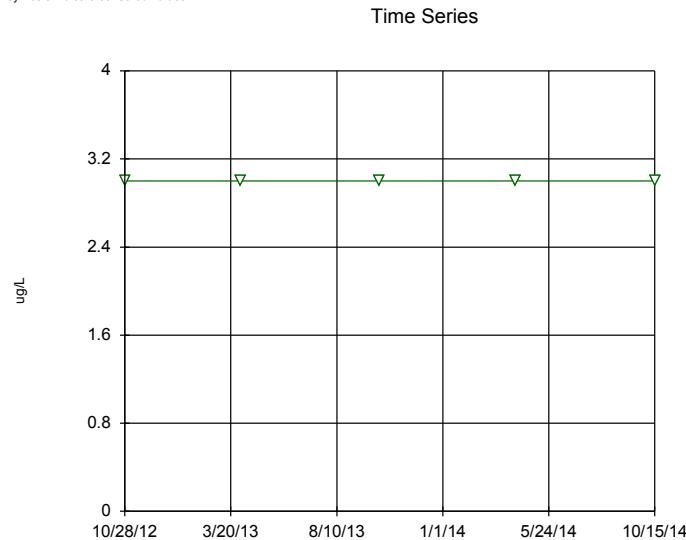
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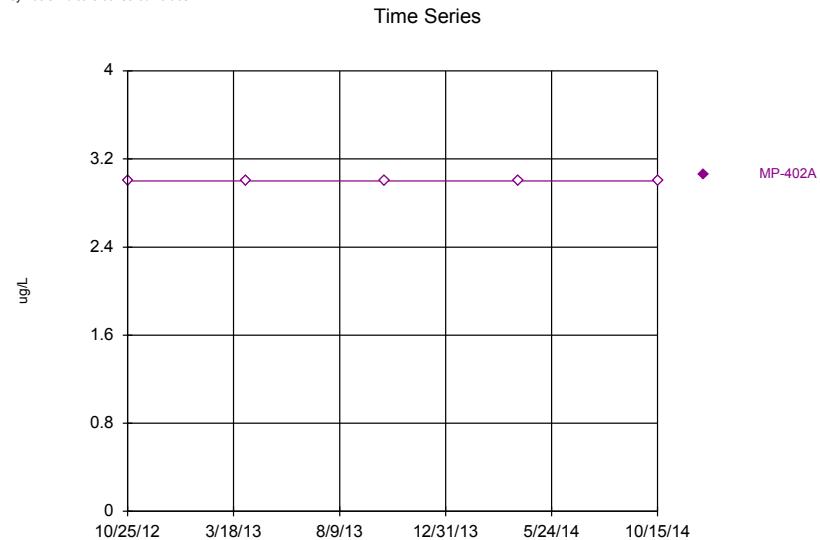
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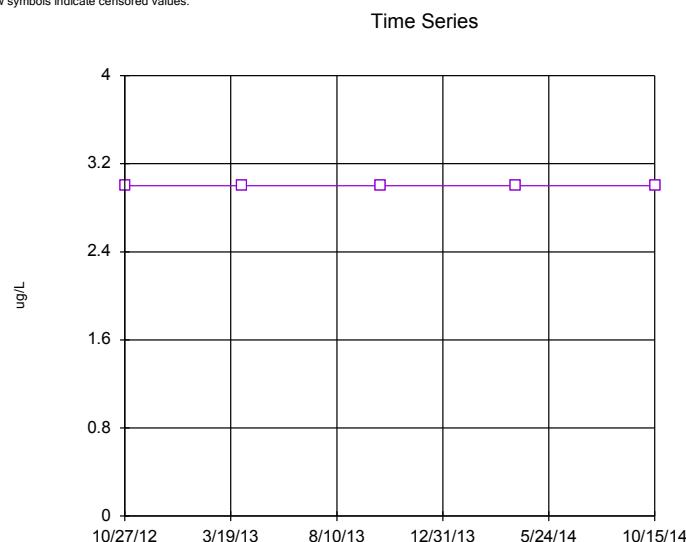
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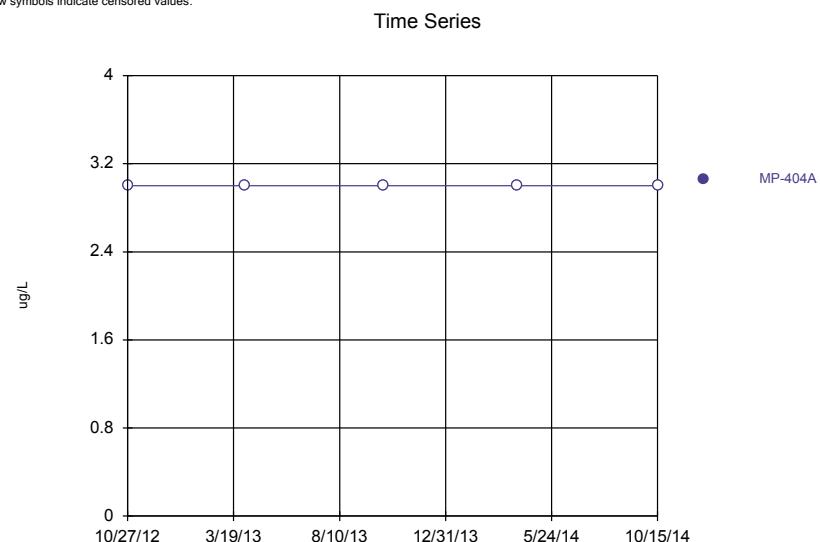
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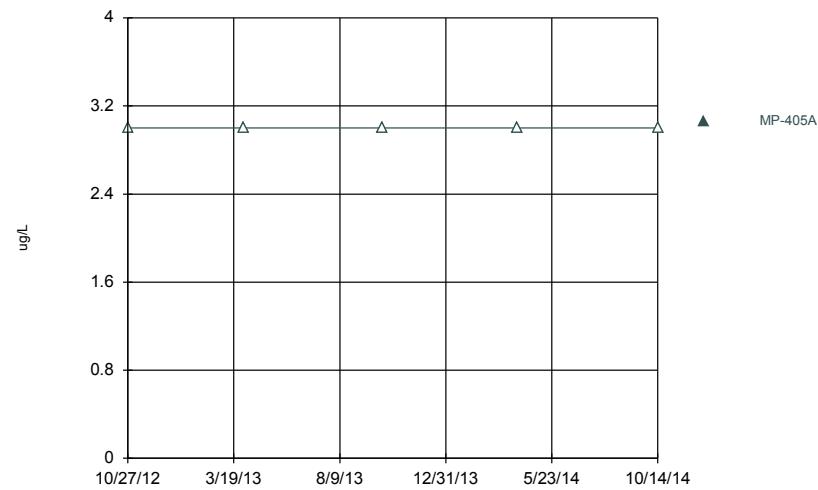
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

Time Series



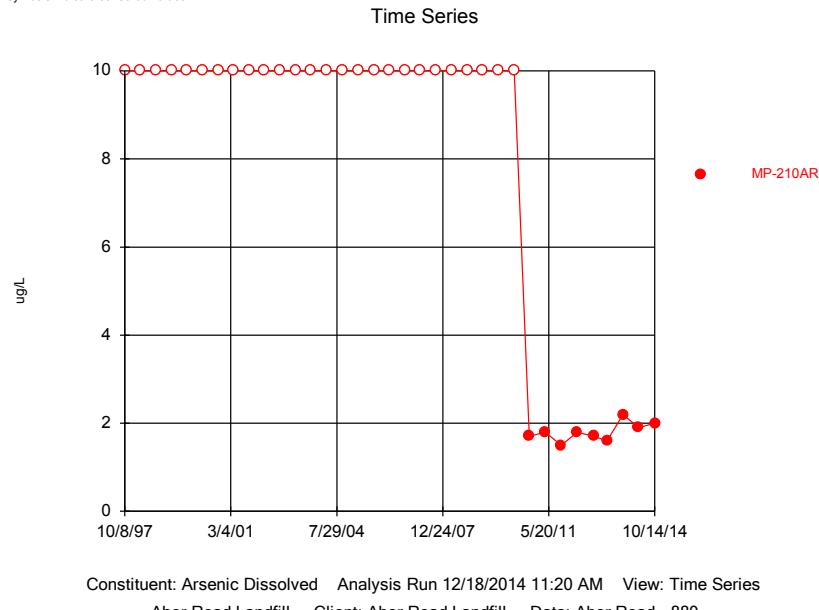
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - US

APPENDIX D.

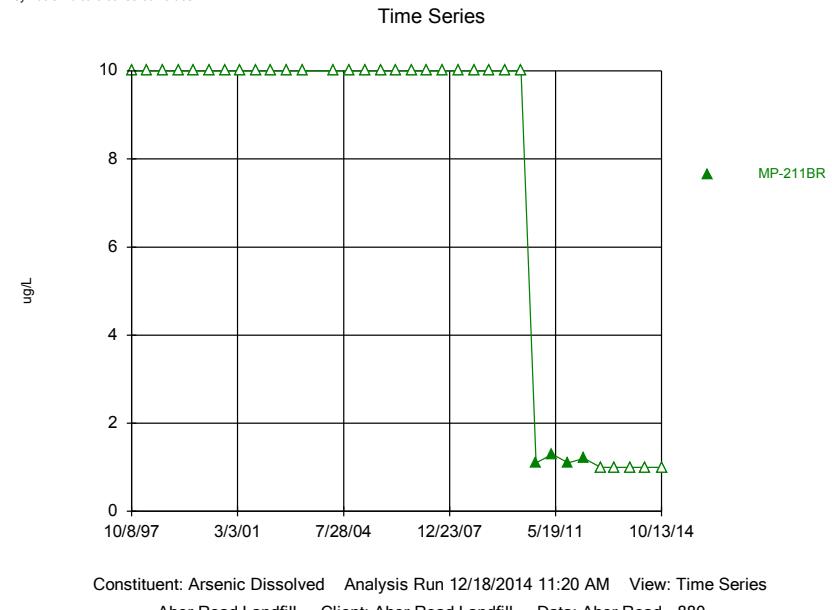
TIME-SERIES PLOTS OF METALS RESULTS

880 SAND WELLS

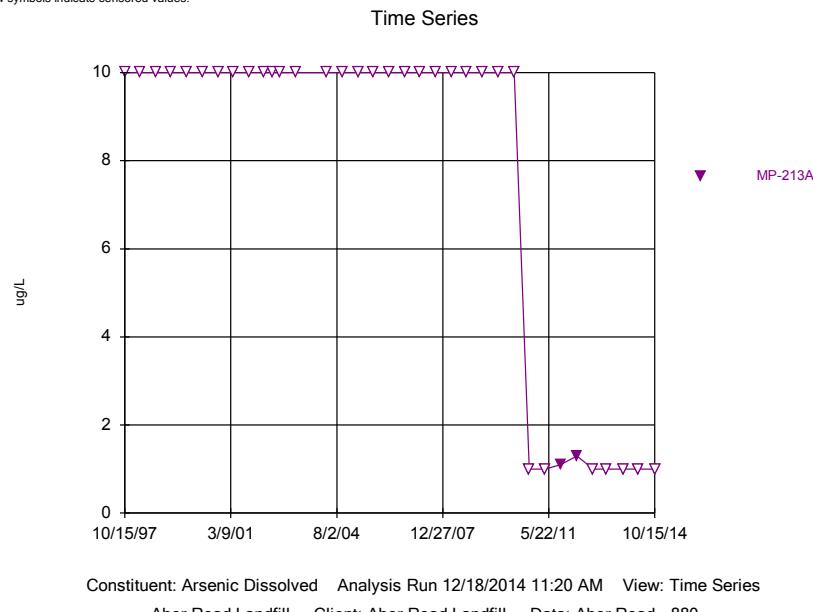
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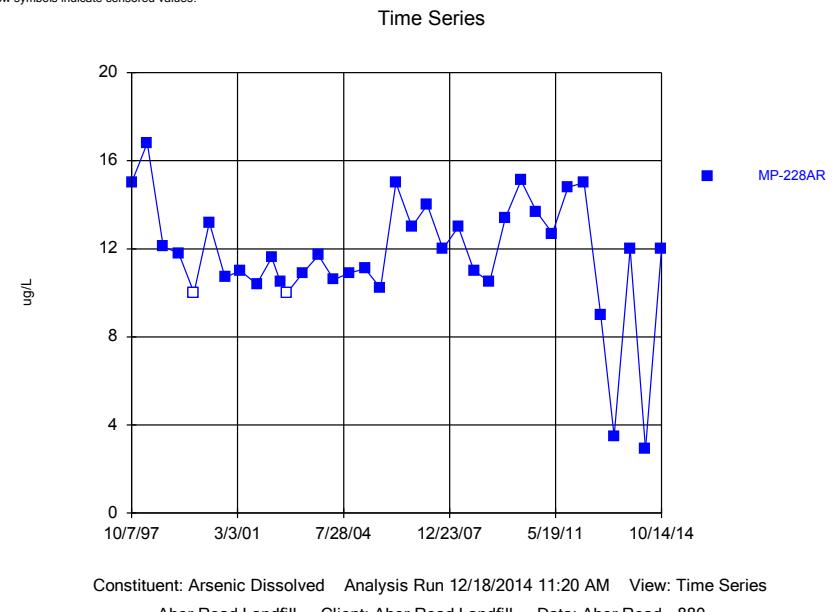
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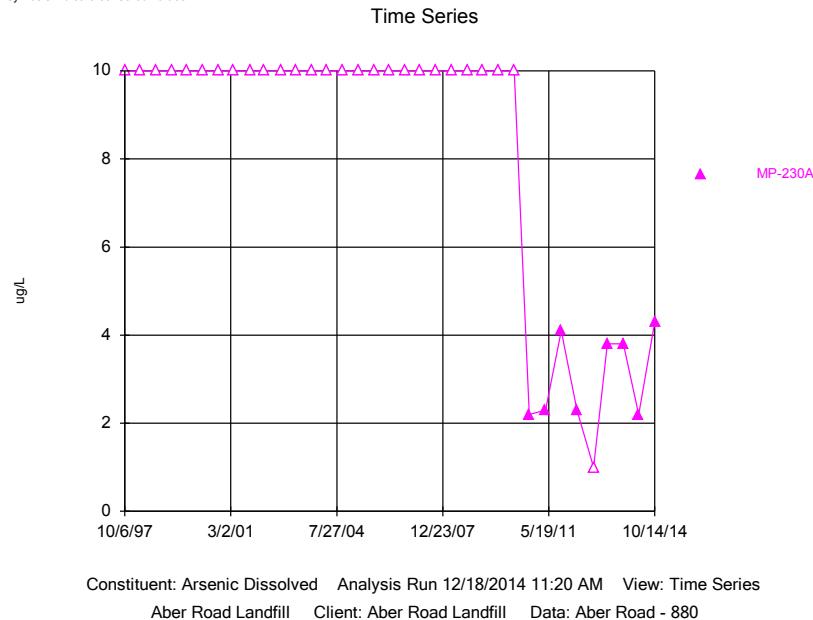
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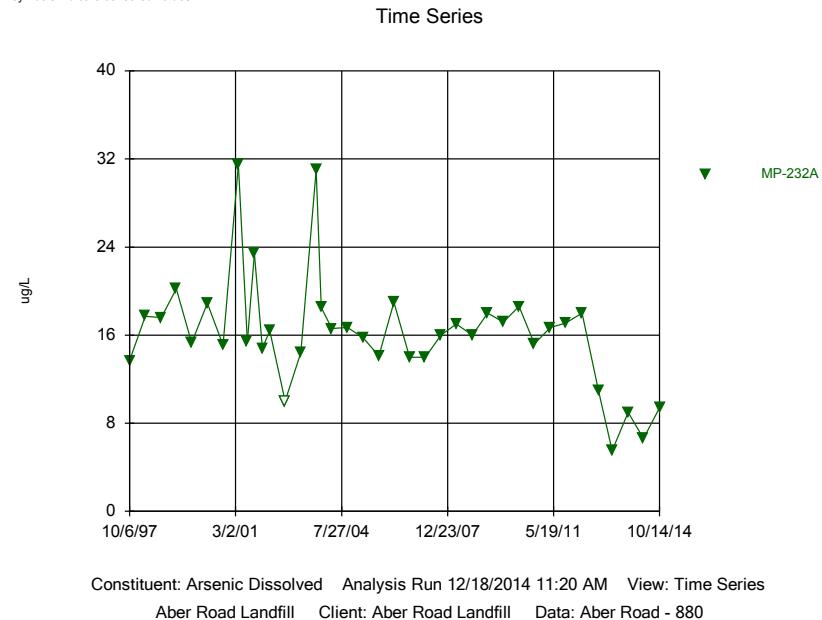
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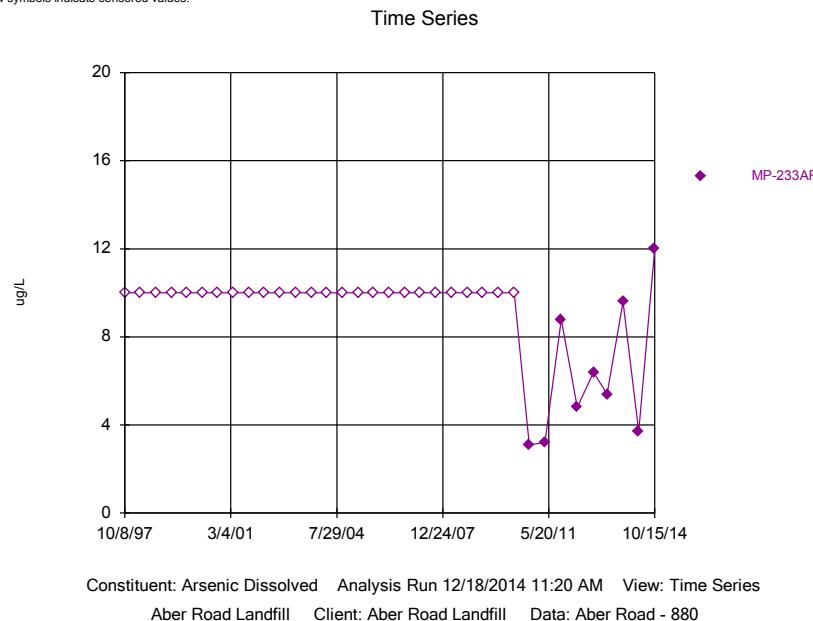
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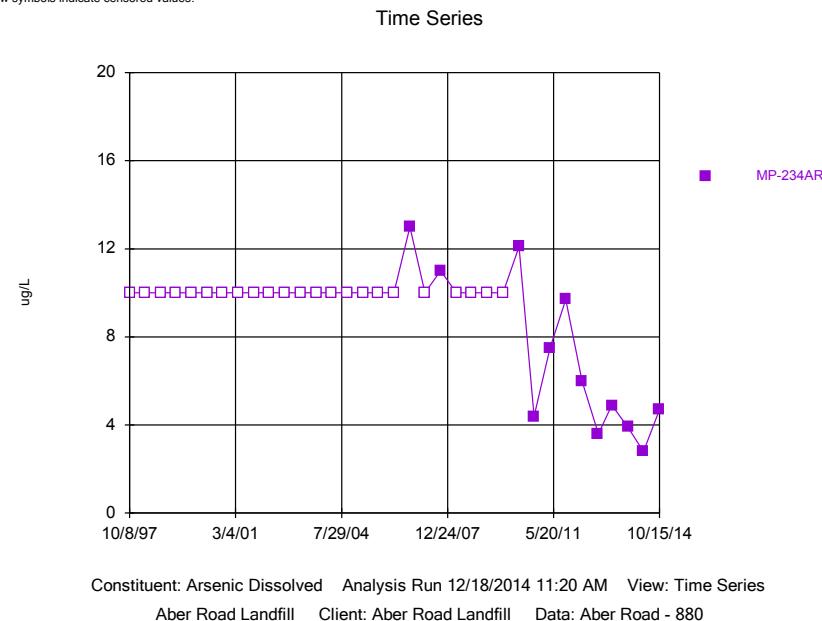
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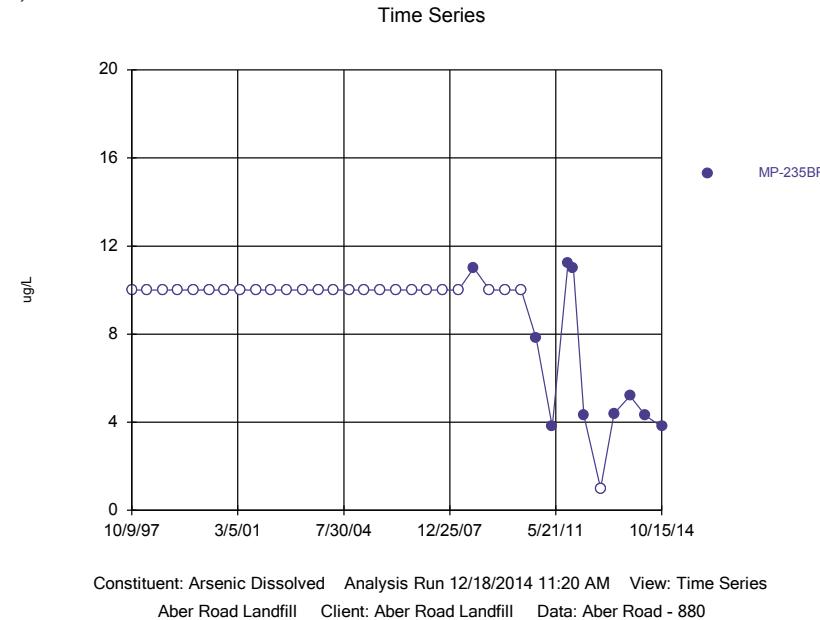
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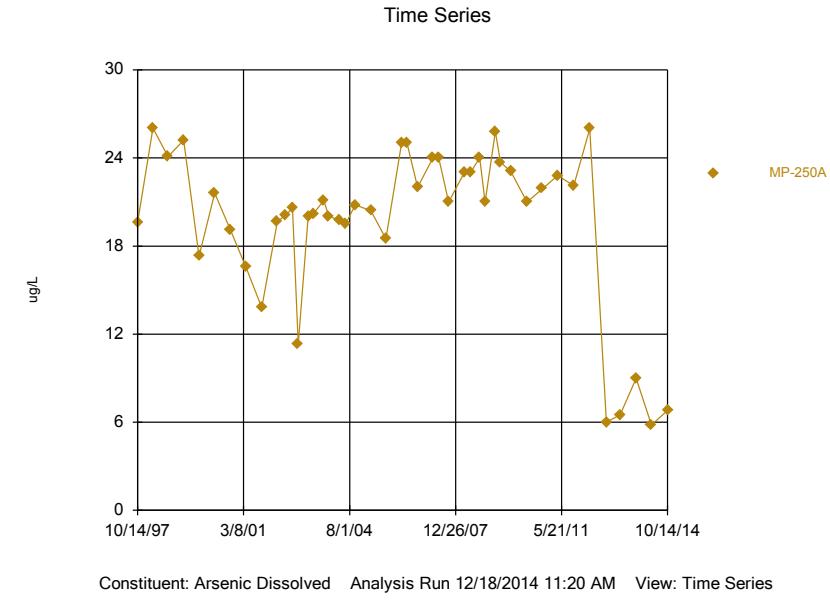
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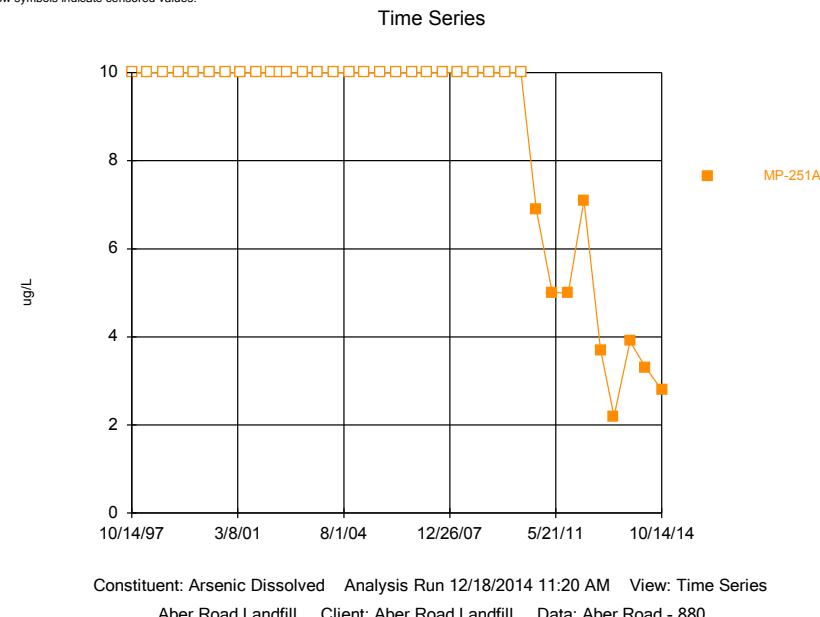
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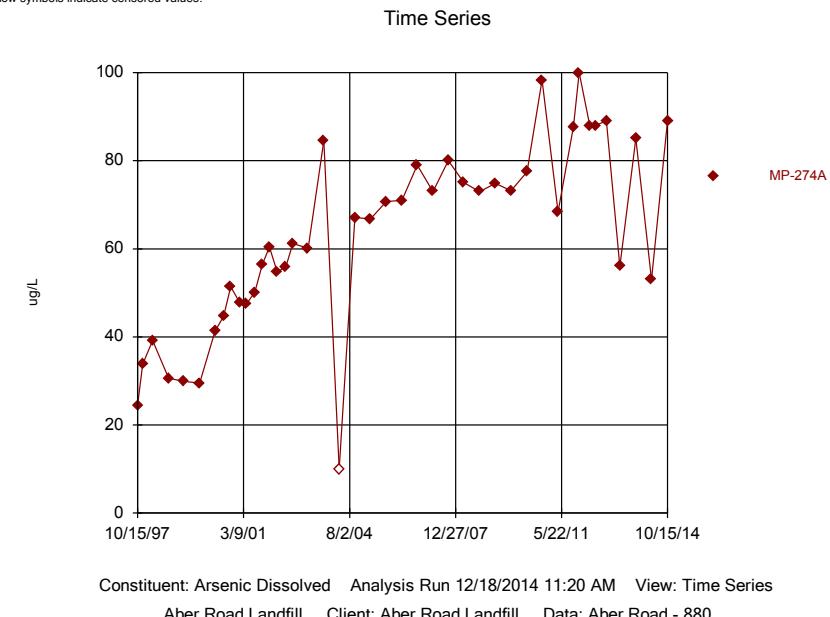
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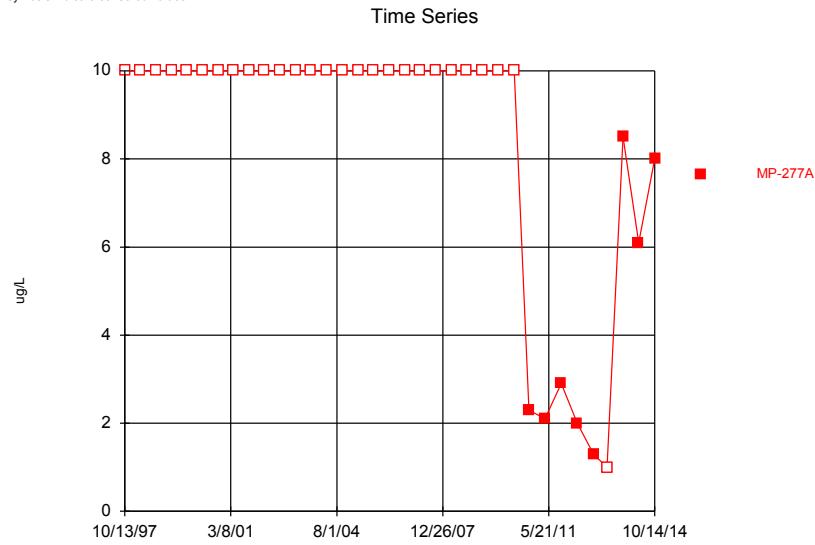
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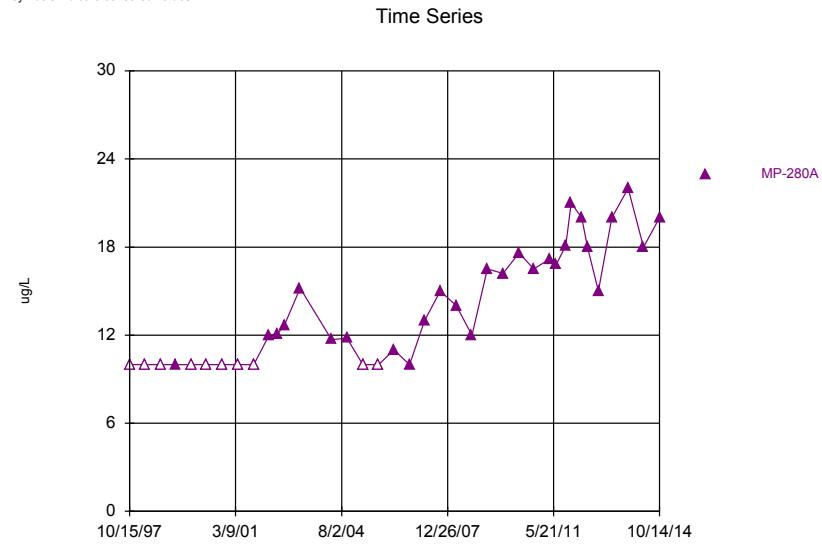


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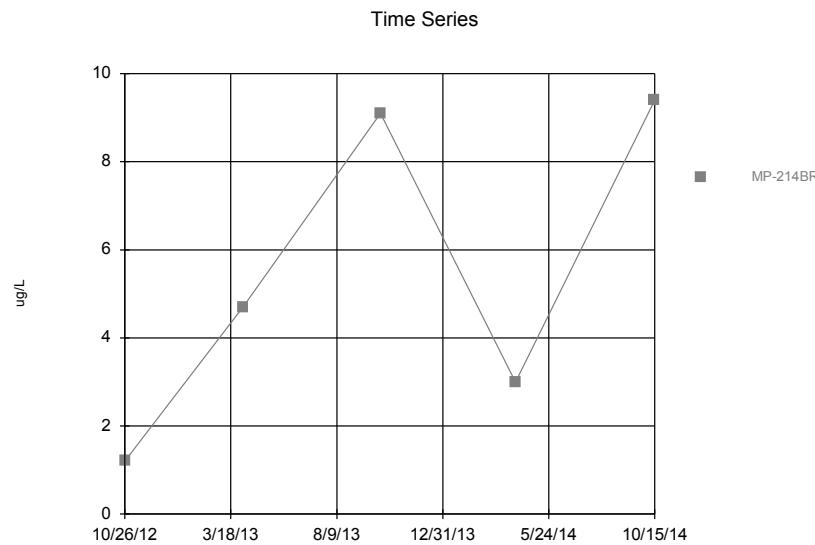
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Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.



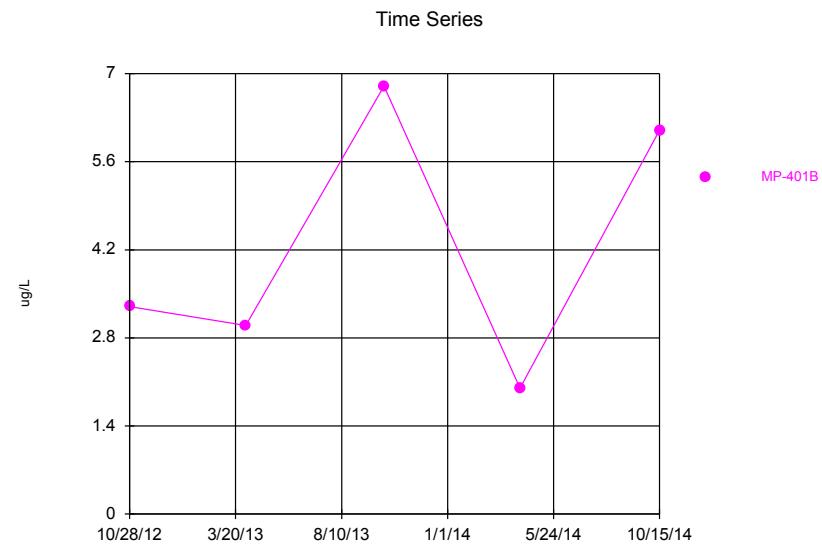
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Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG

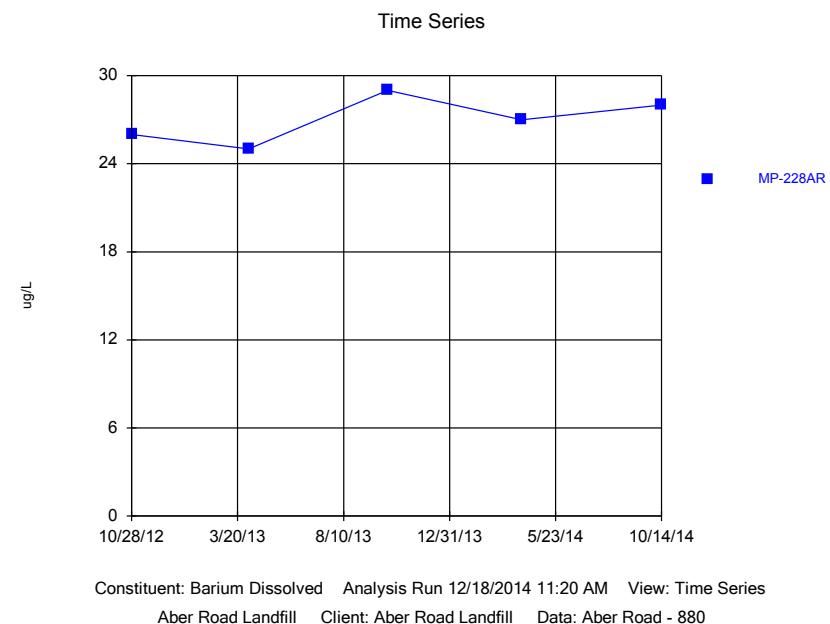
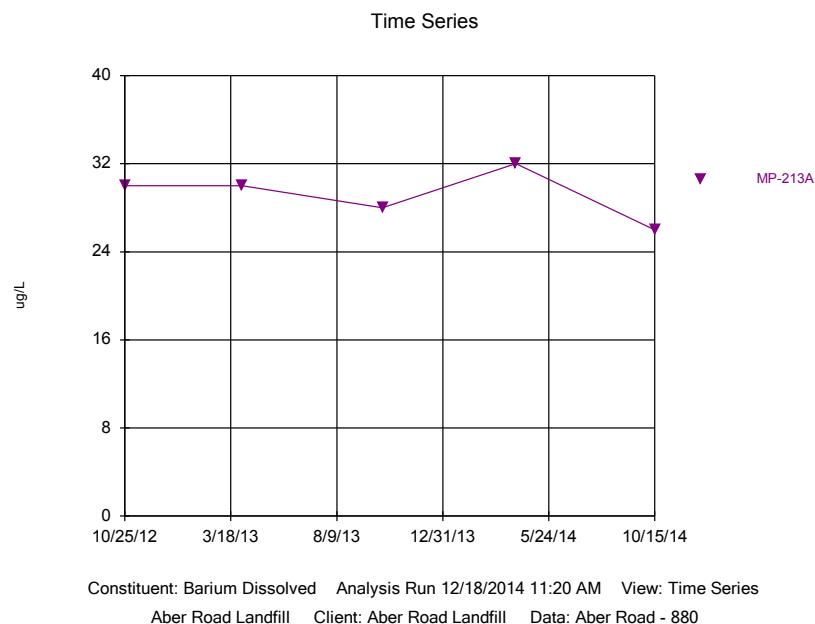
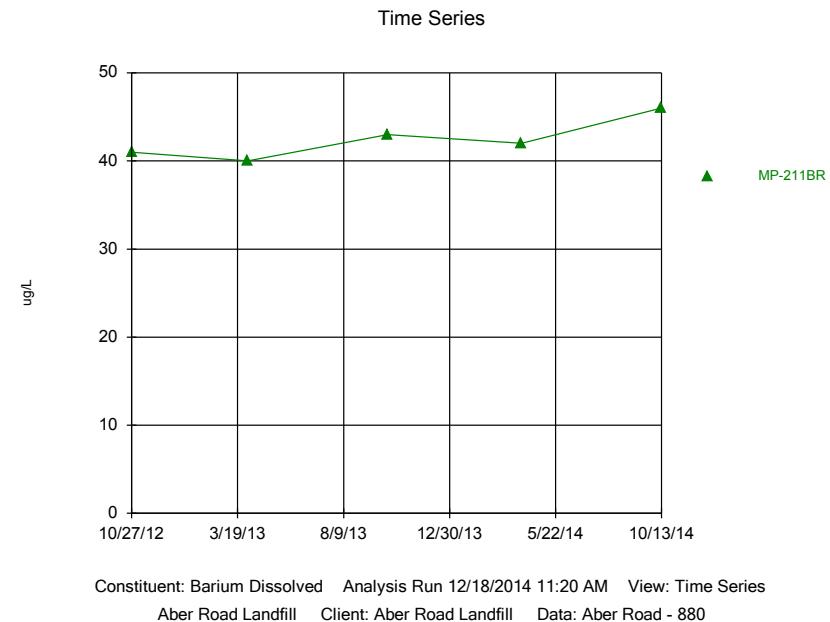
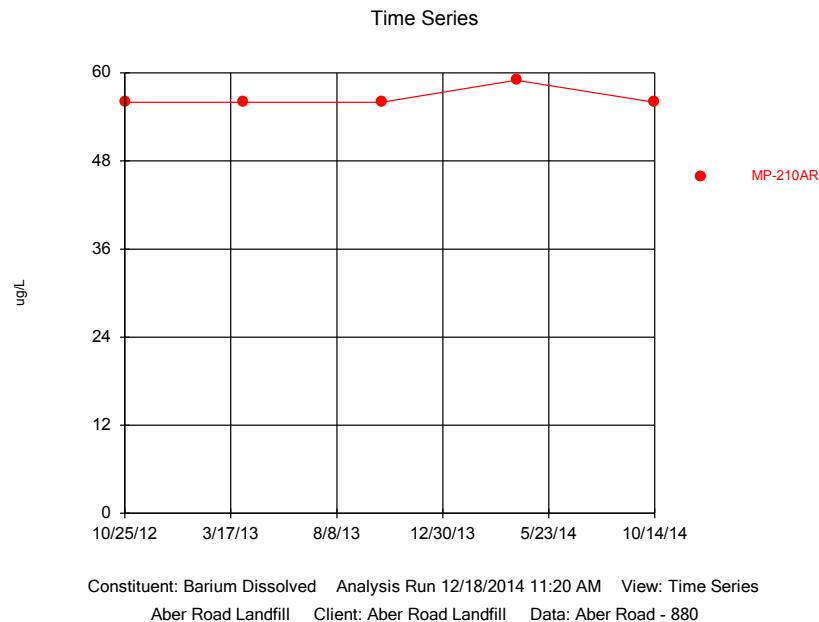


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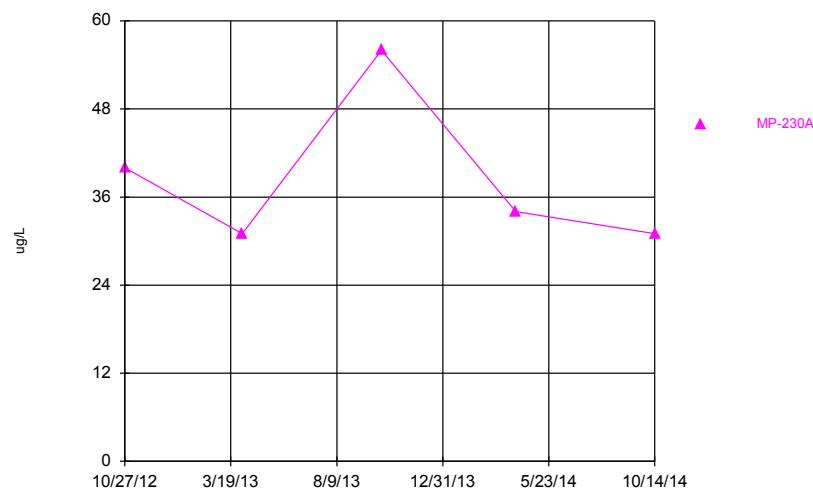
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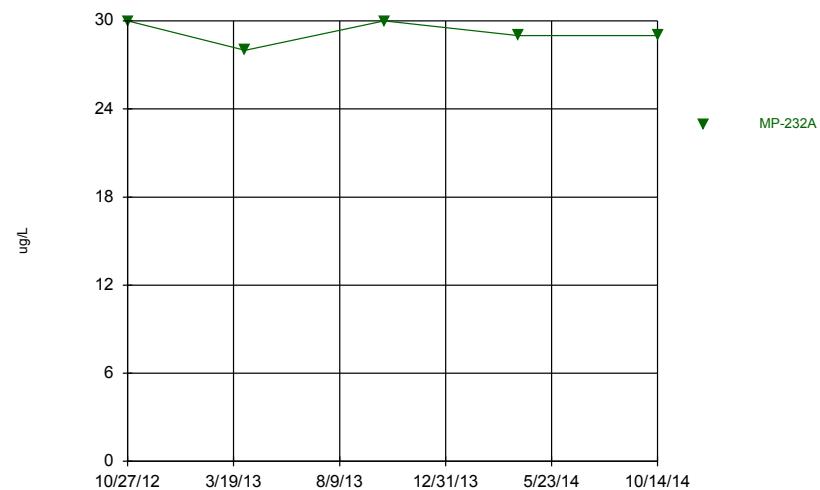


Time Series



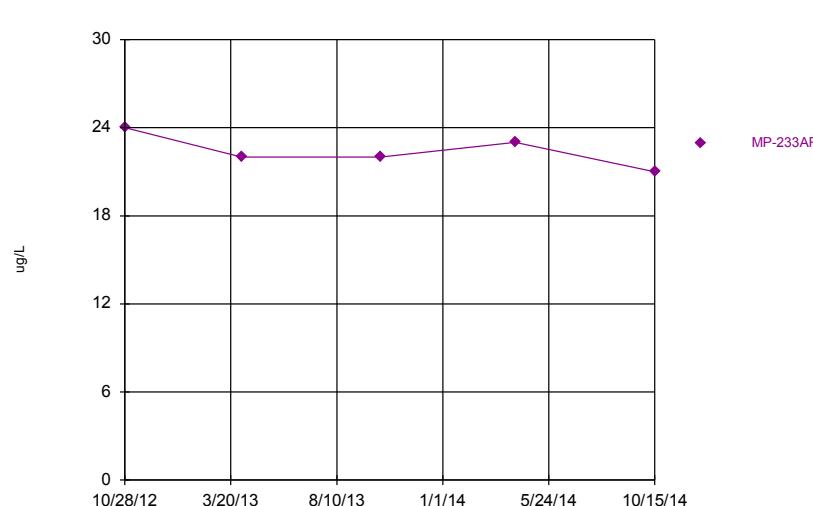
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Time Series



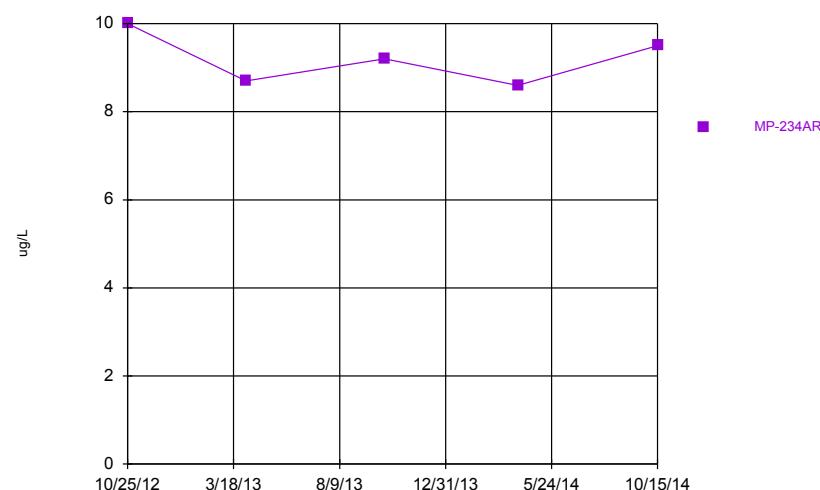
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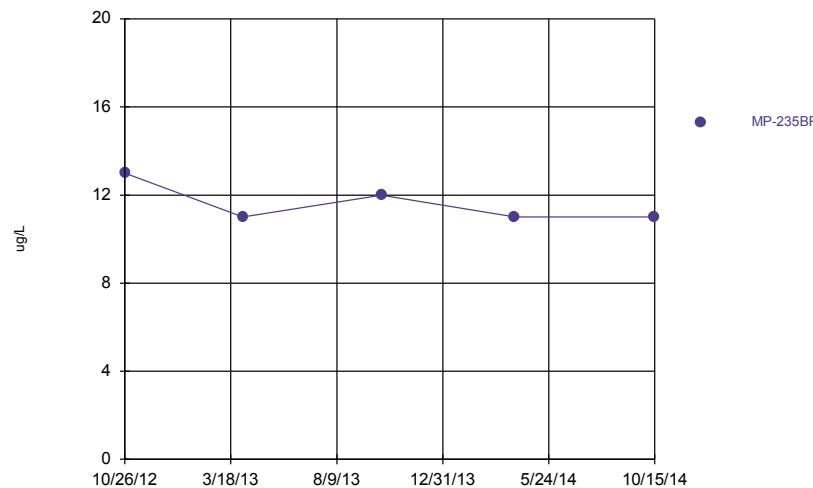
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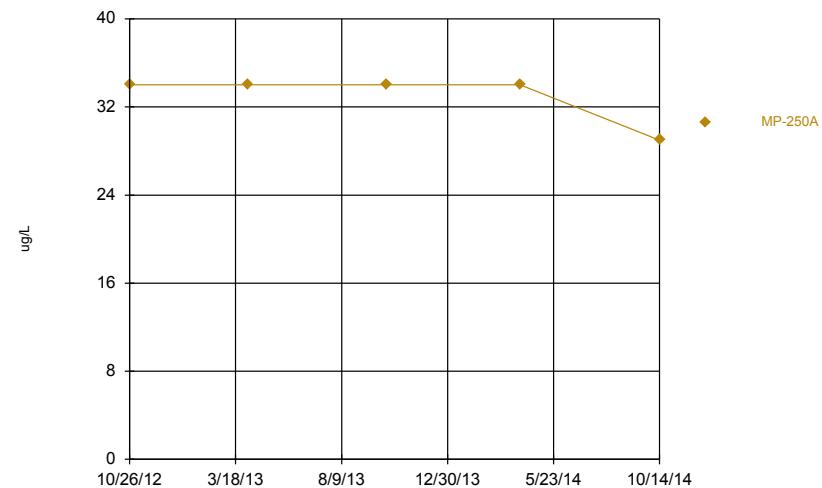
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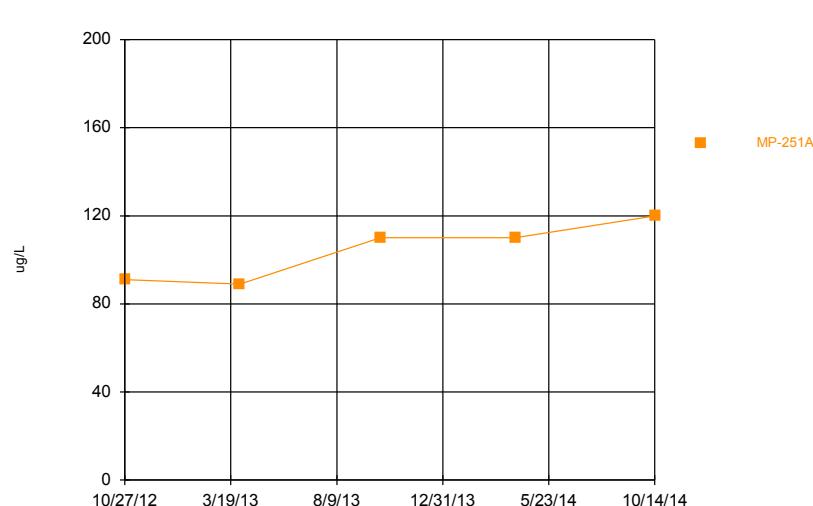
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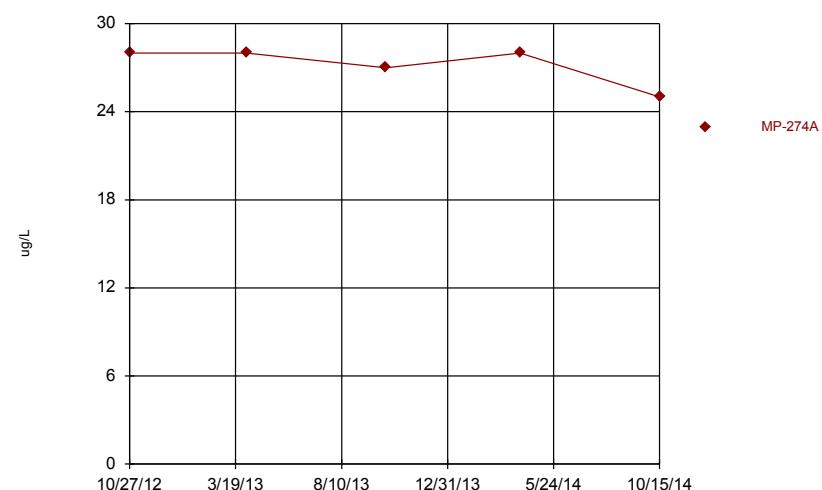
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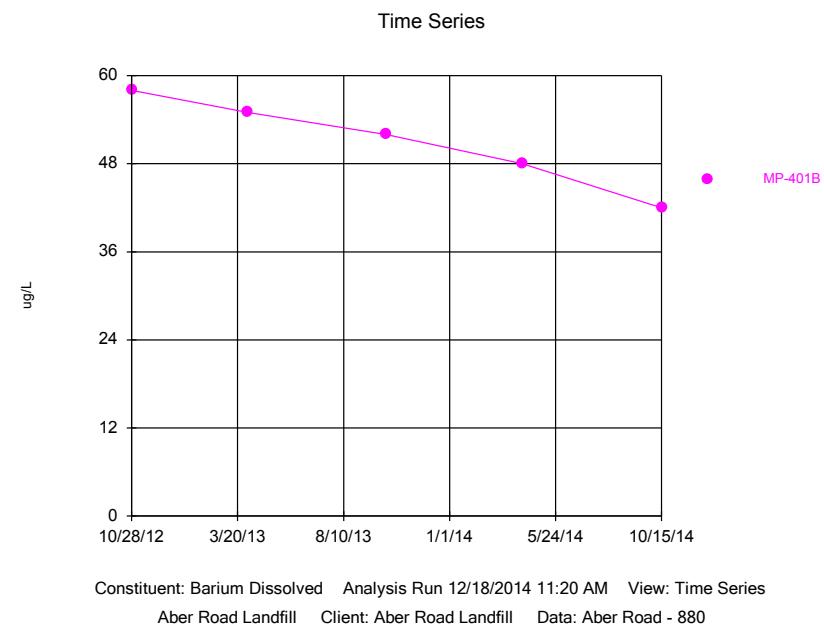
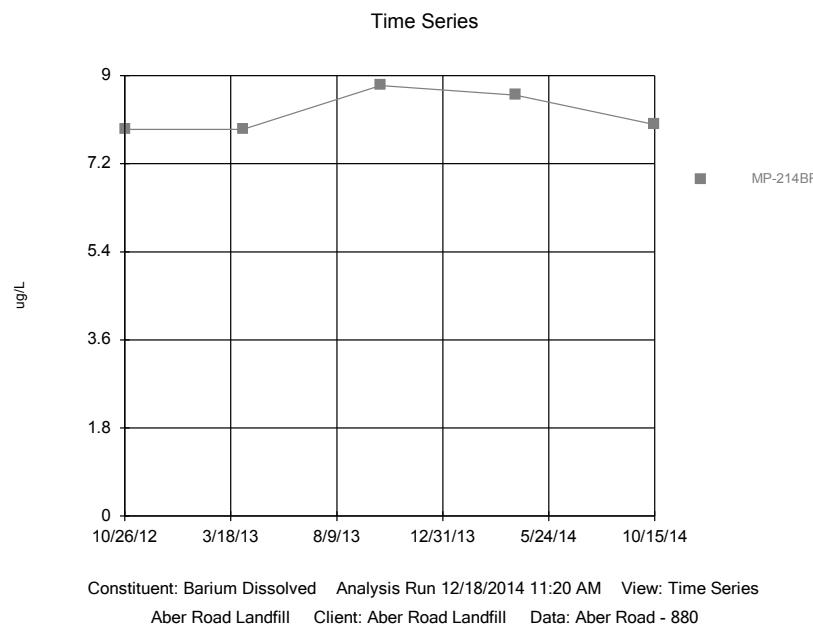
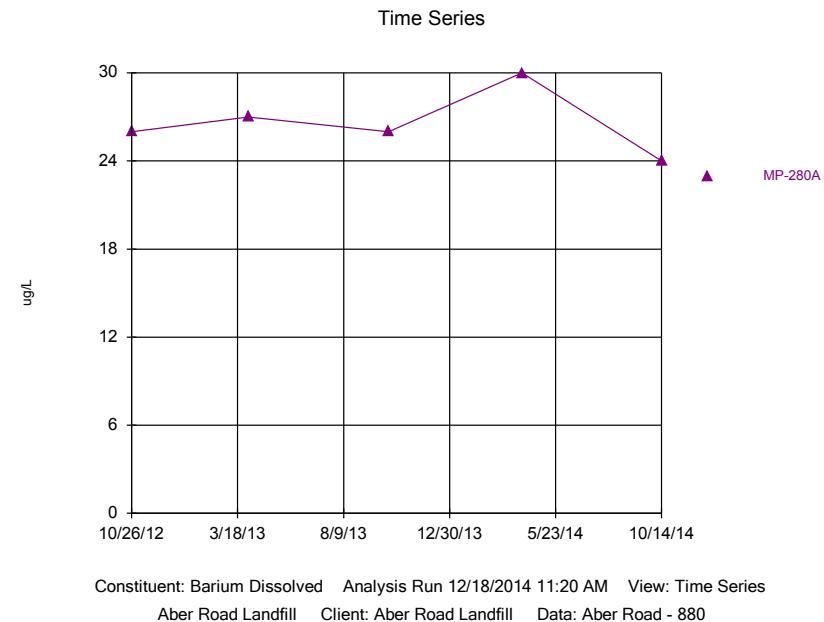
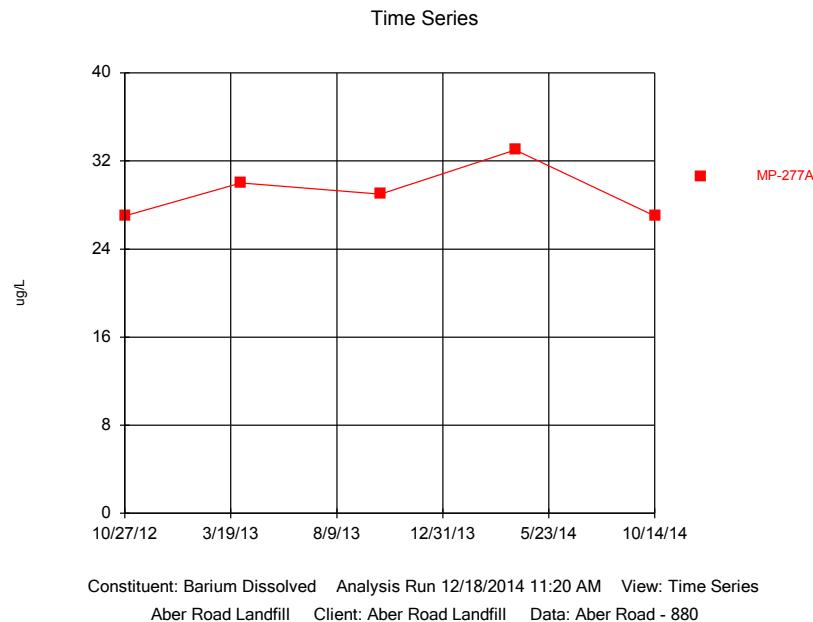


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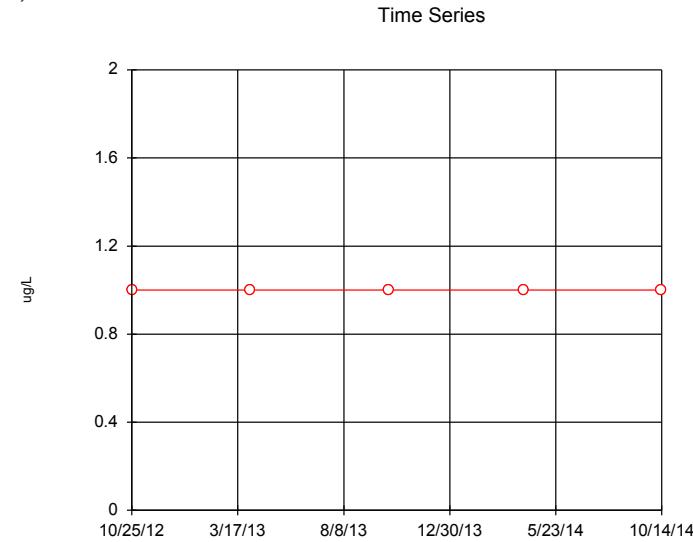
Time Series



Constituent: Barium Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

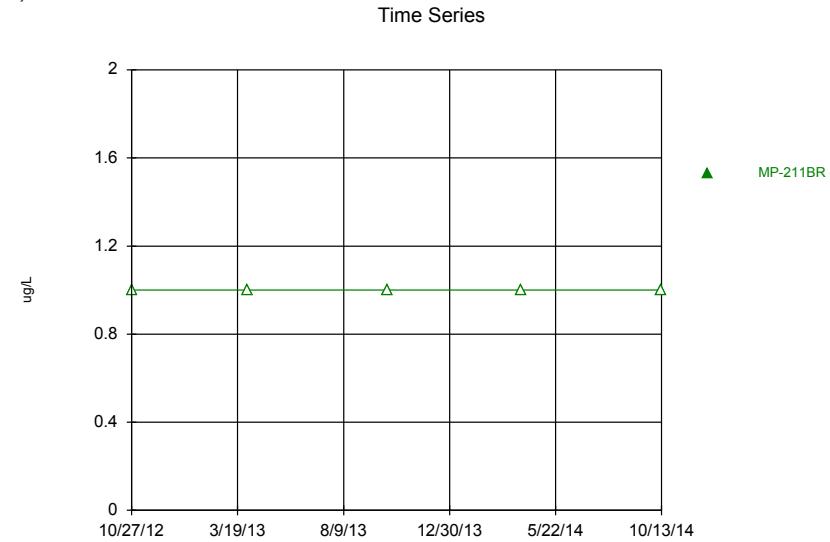


Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.



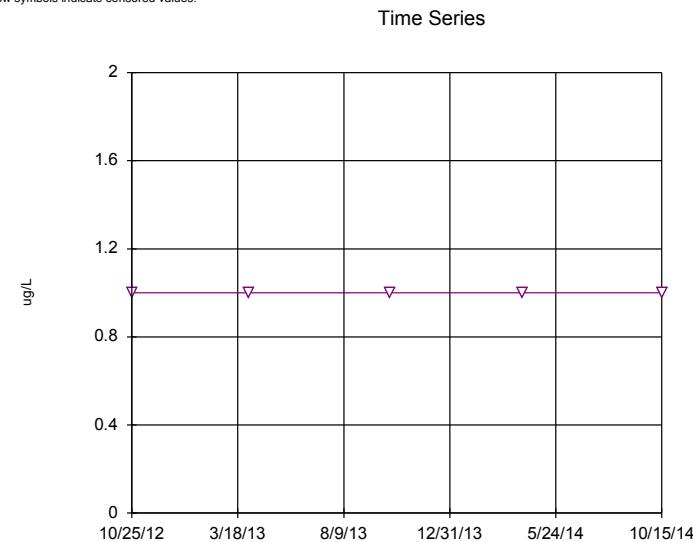
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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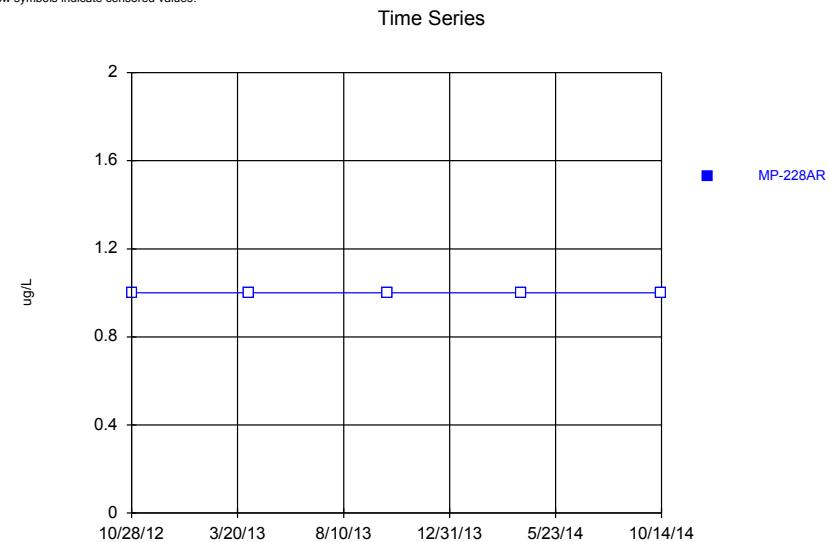
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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Constituent: Cadmium Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

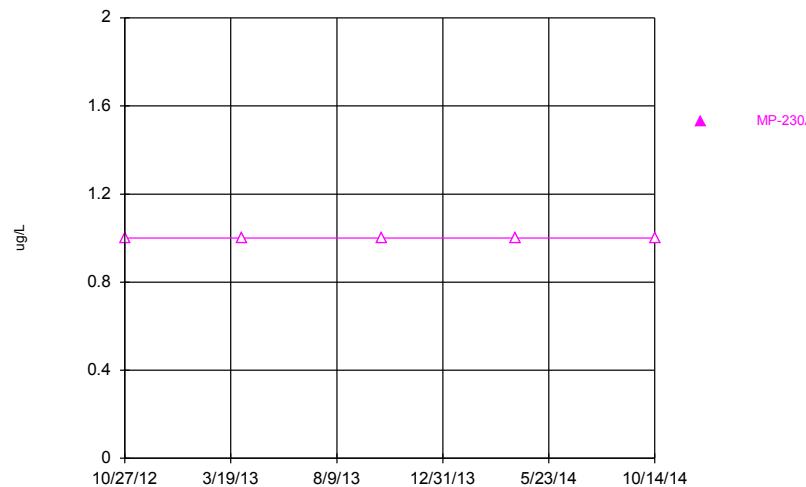
Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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Constituent: Cadmium Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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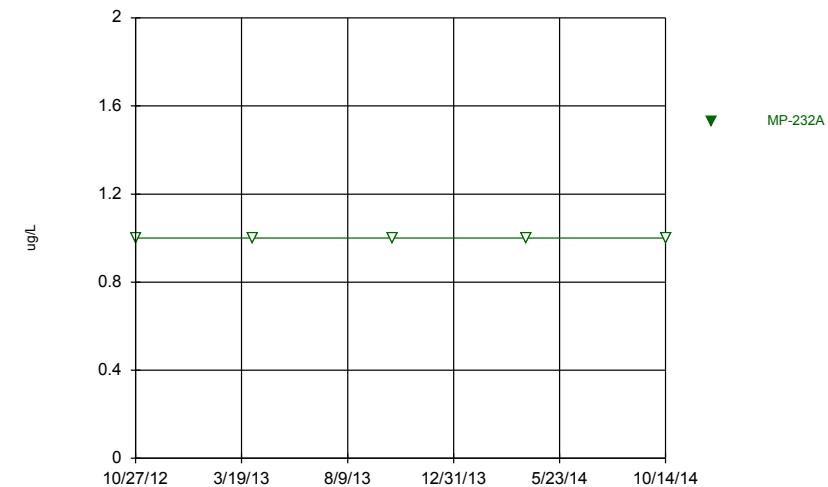
Time Series



Constituent: Cadmium Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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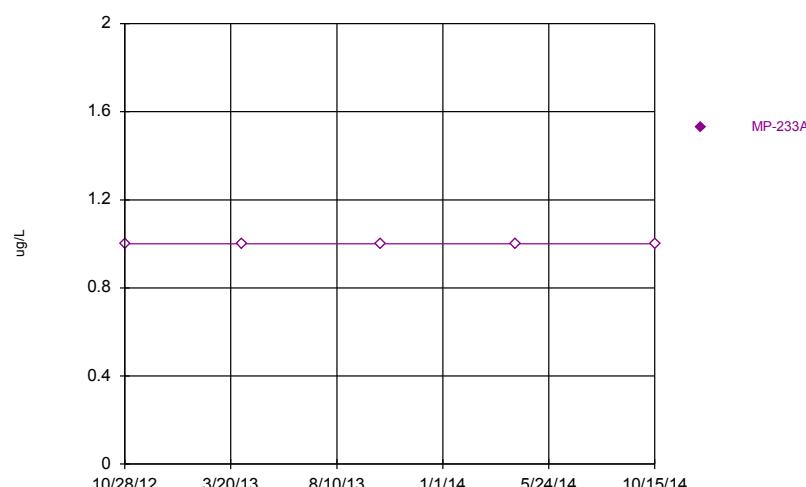
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Constituent: Cadmium Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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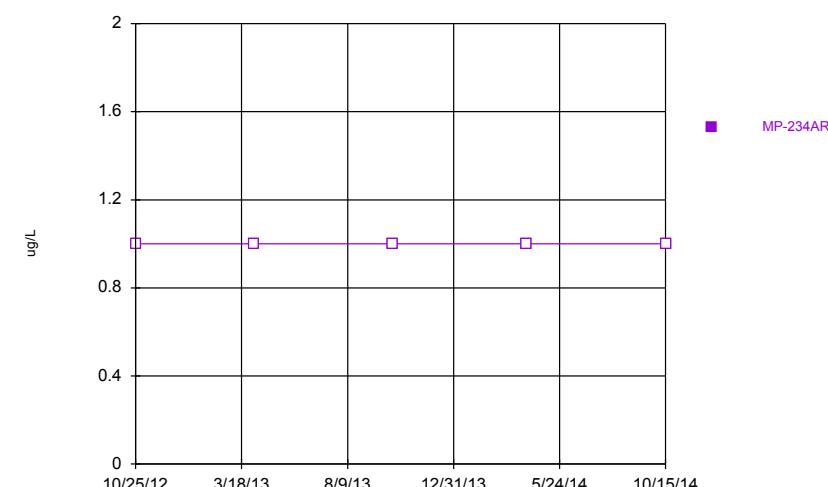
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Constituent: Cadmium Dissolved Analysis Run 12/18/2014 11:20 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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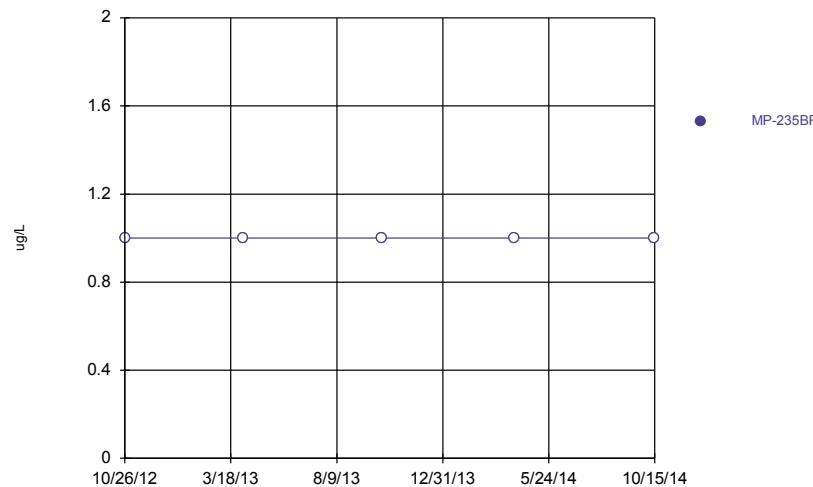
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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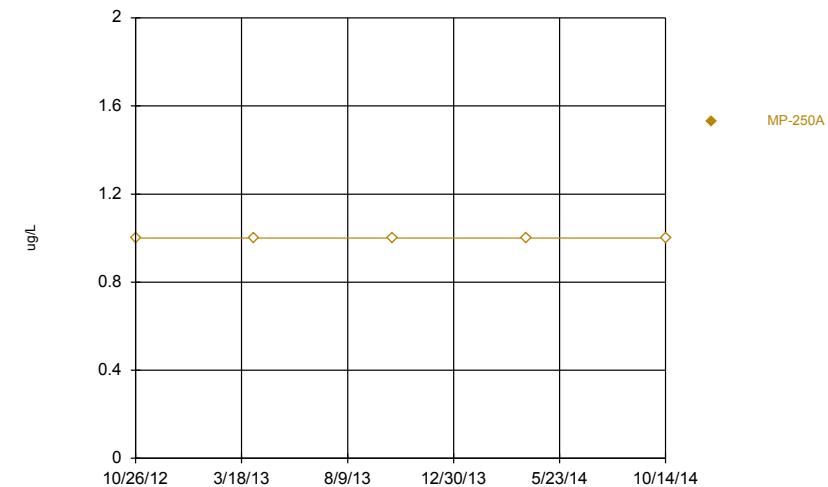
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Constituent: Cadmium Dissolved Analysis Run 12/18/2014 11:21 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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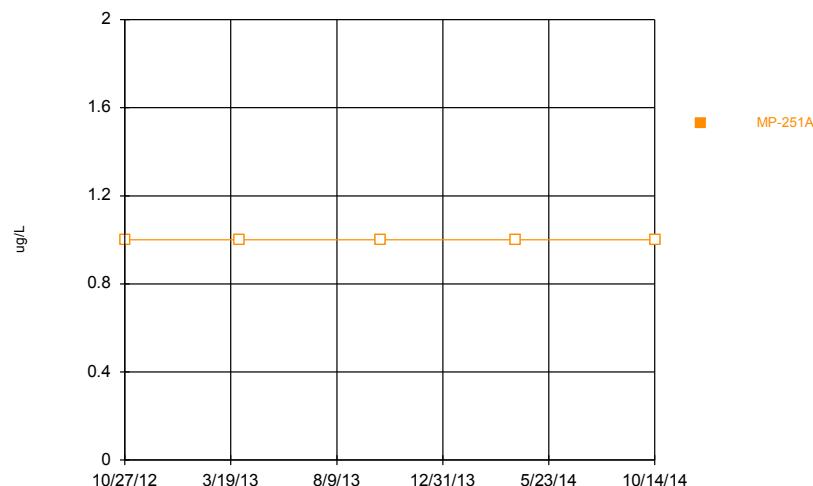
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Constituent: Cadmium Dissolved Analysis Run 12/18/2014 11:21 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
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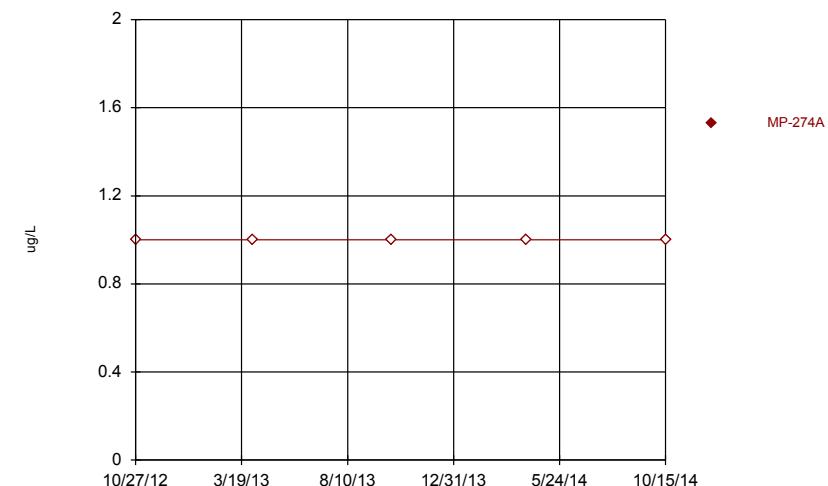
Time Series



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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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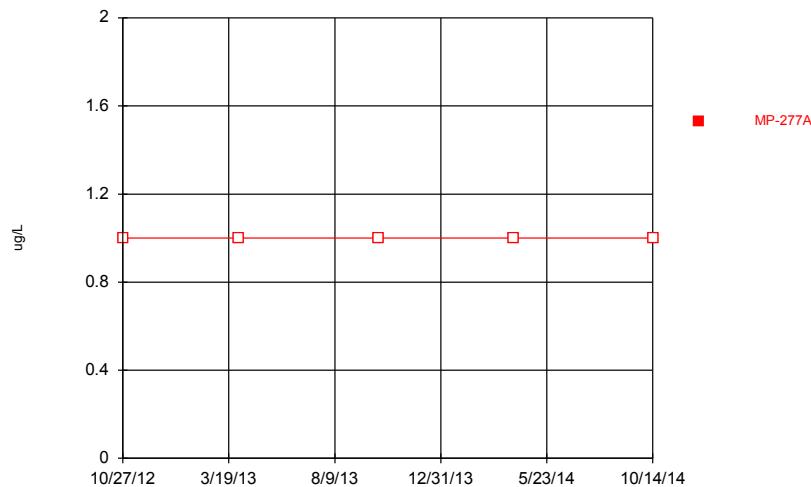
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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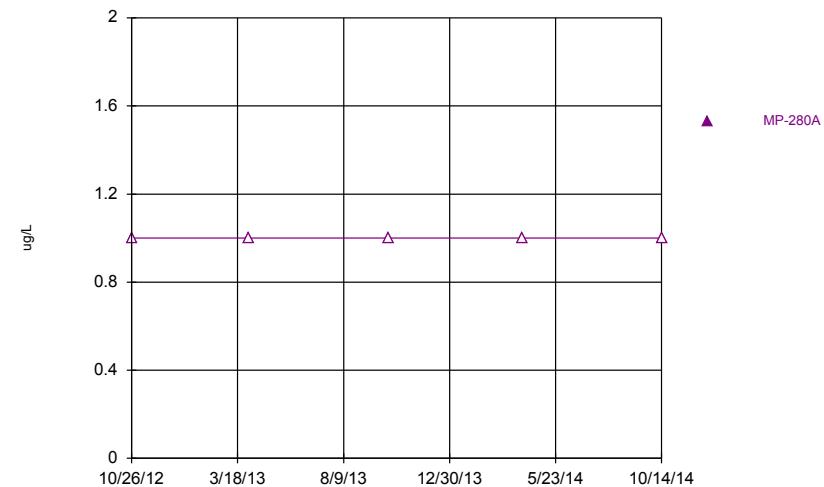
Time Series



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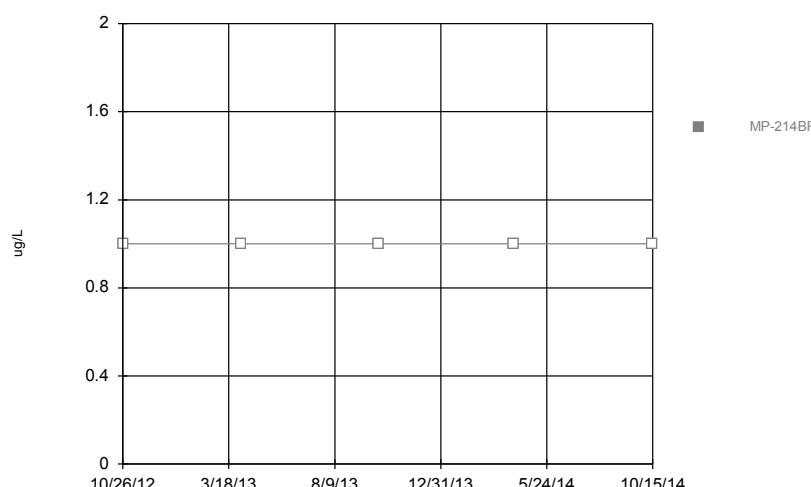
Time Series



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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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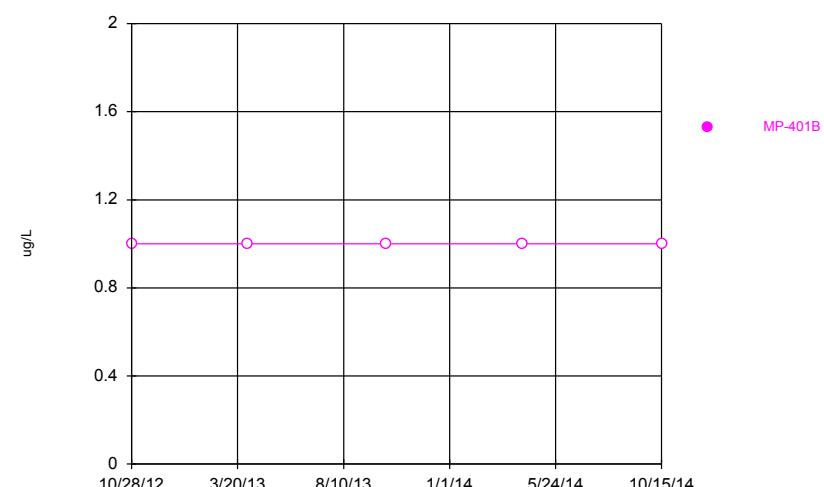
Time Series



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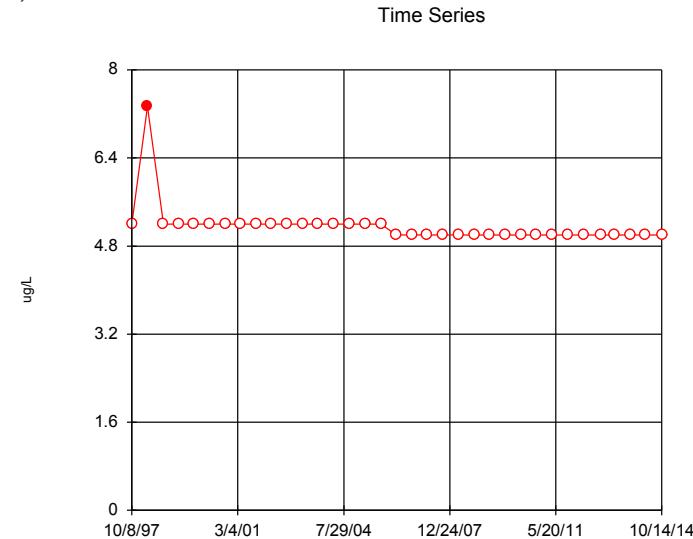
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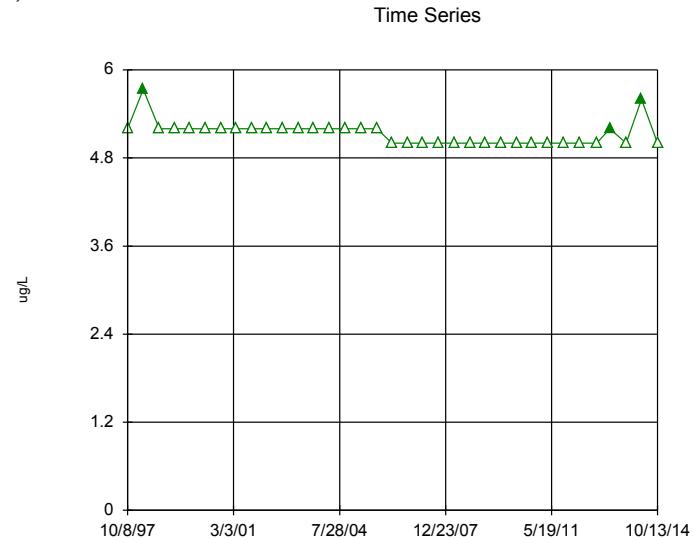
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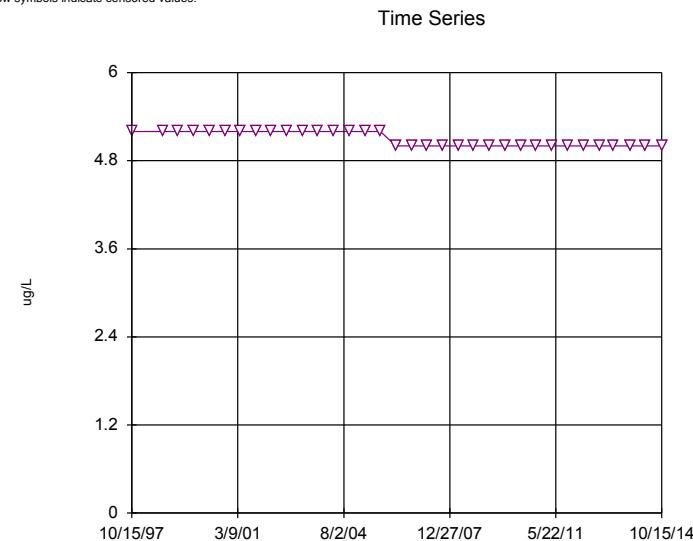
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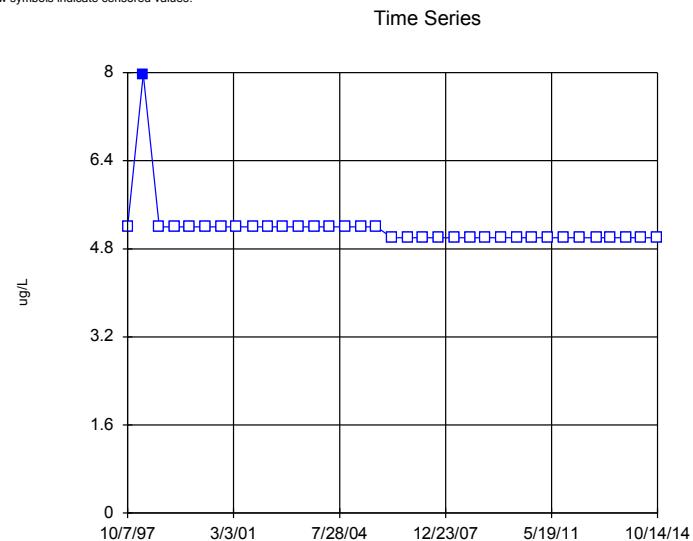
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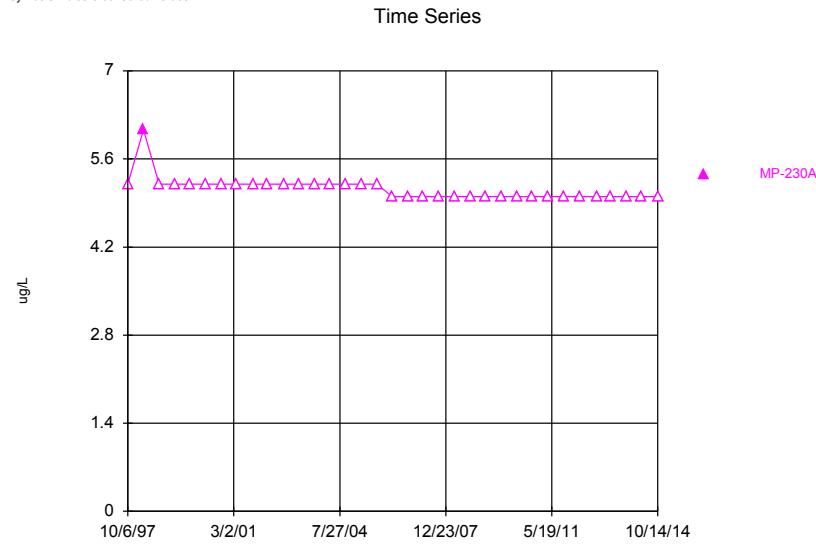
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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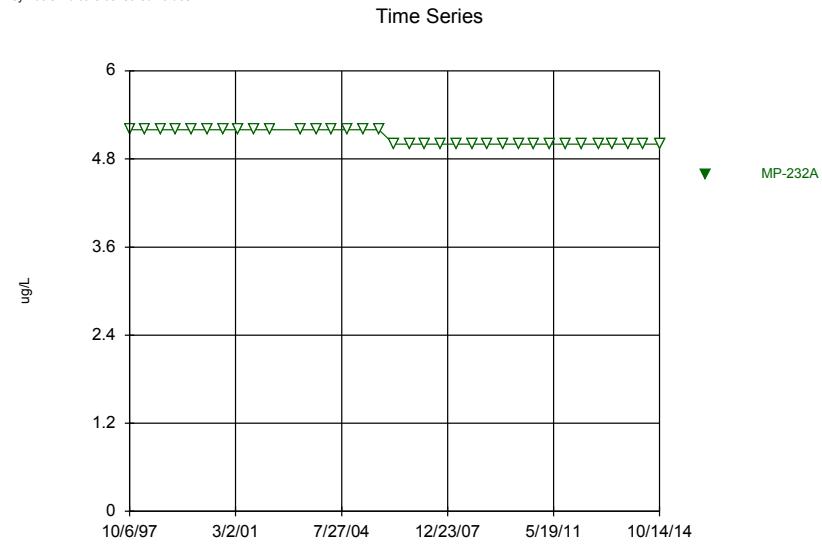
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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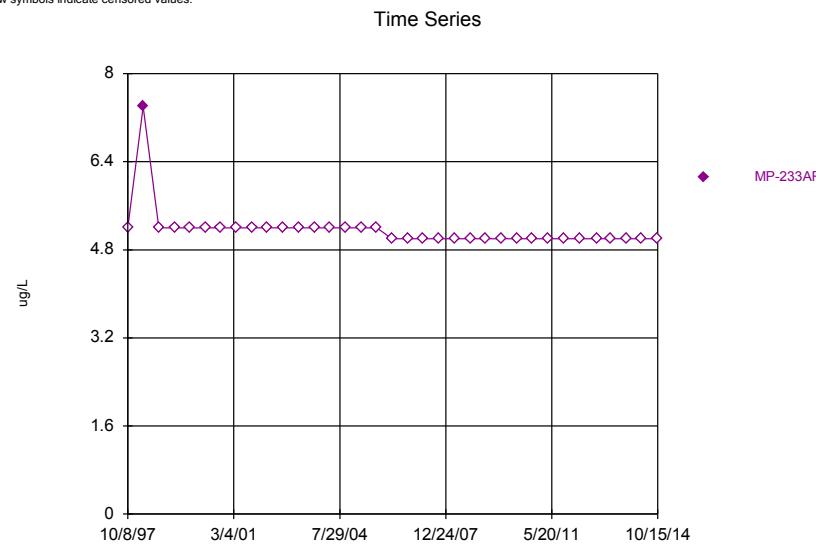
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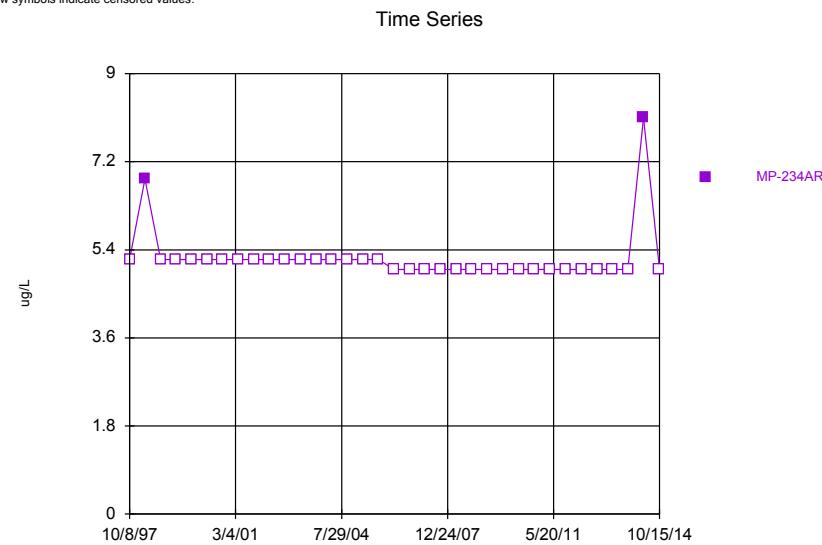
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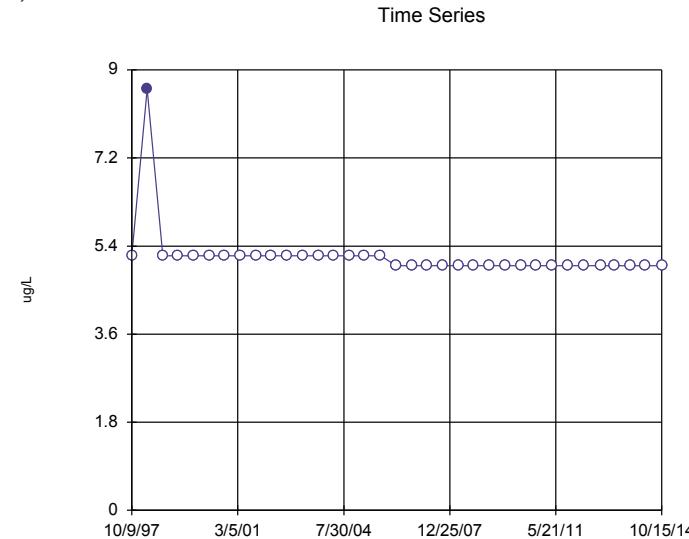
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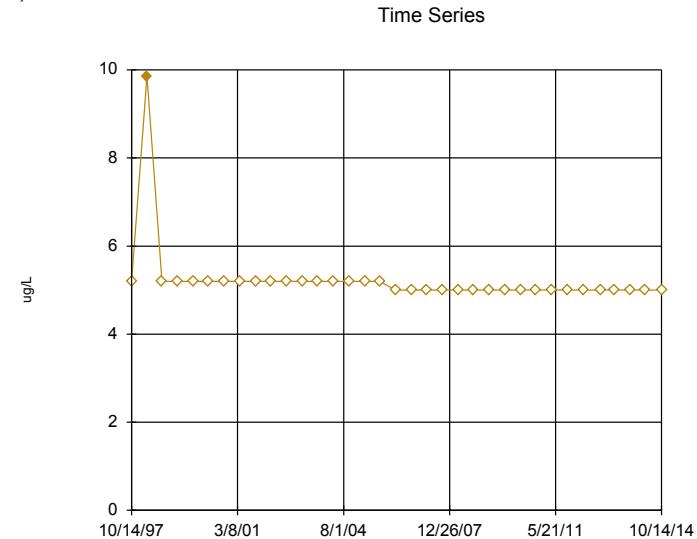
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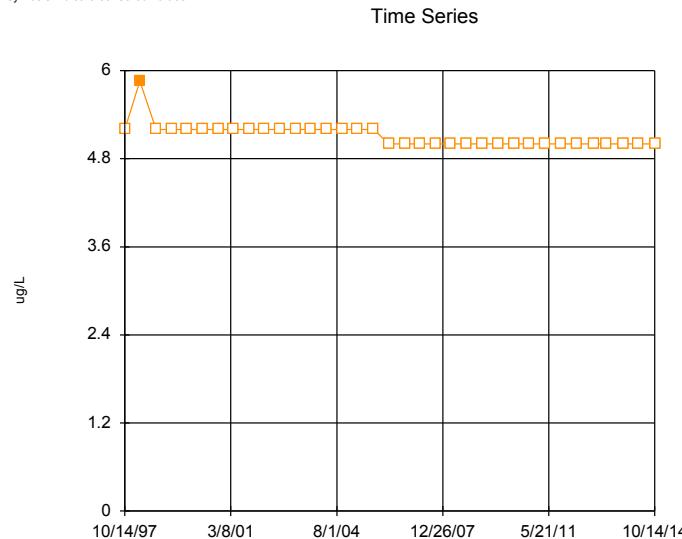
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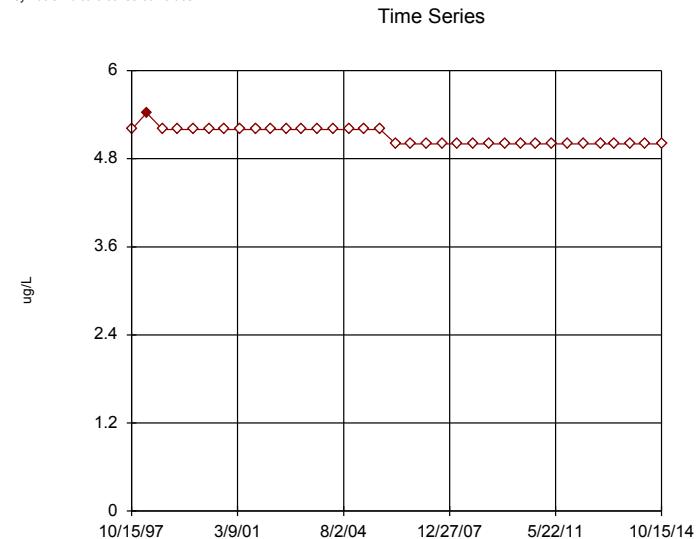
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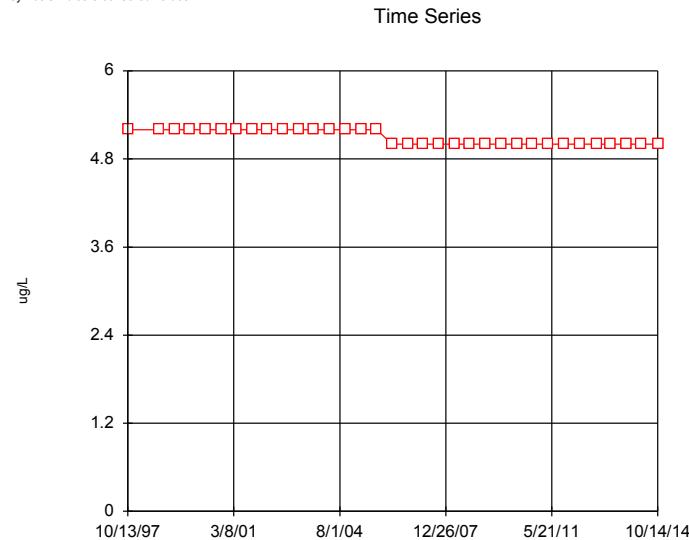
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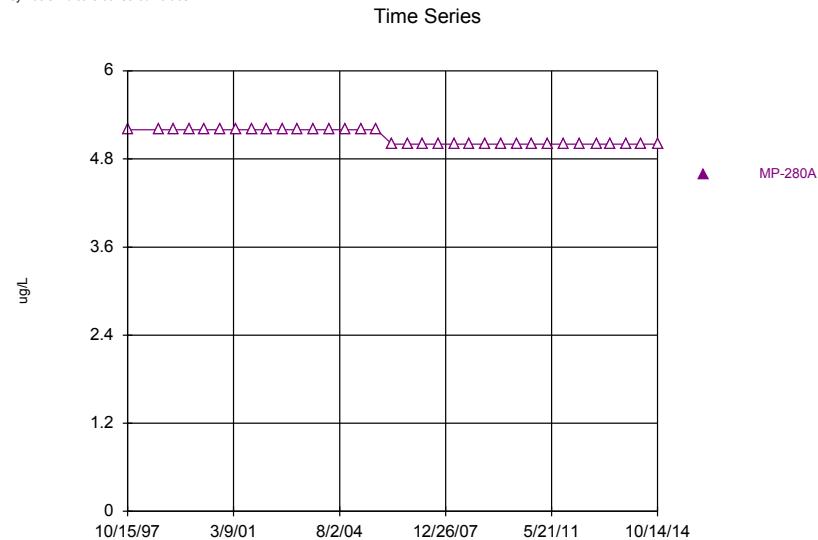


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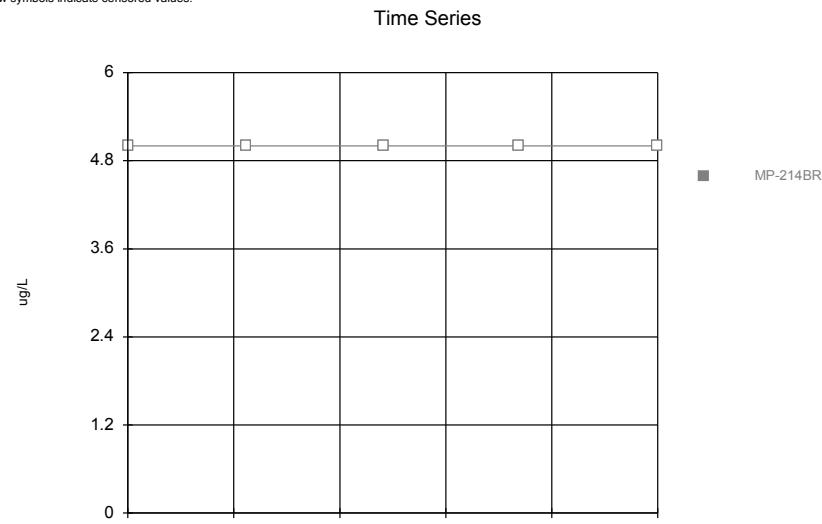
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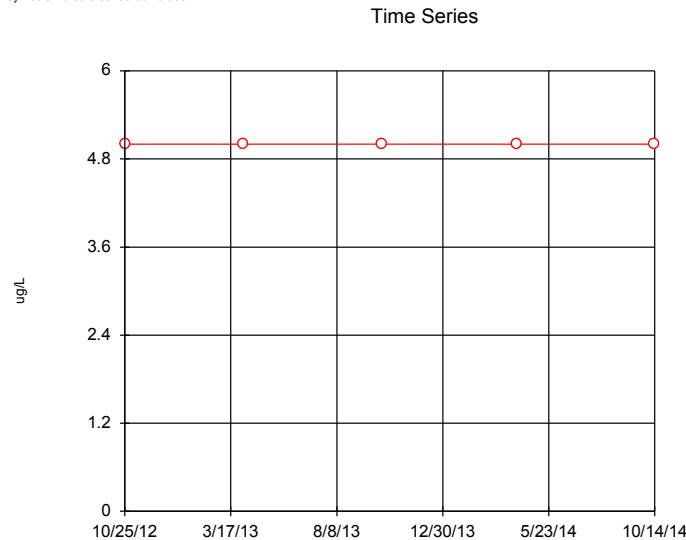
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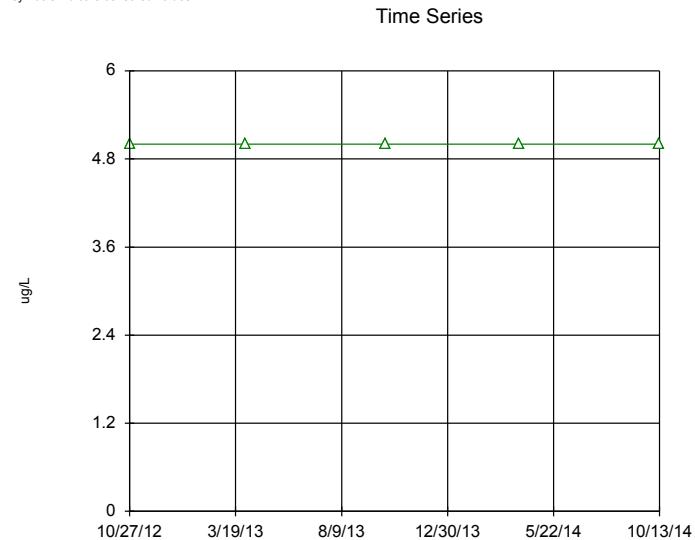


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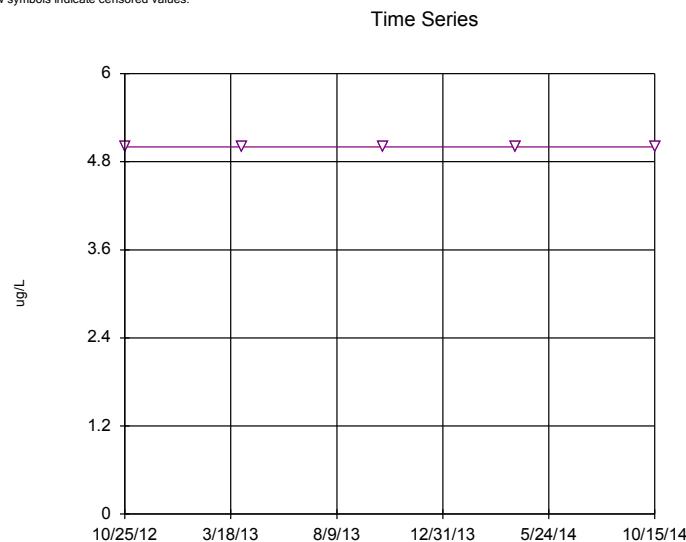
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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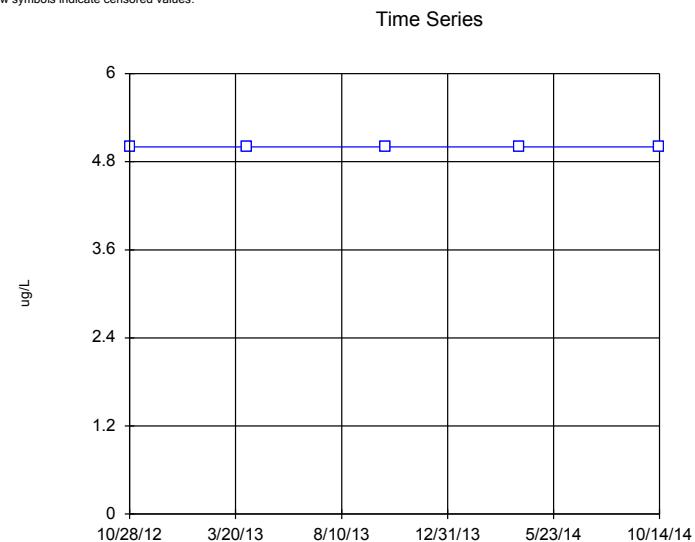
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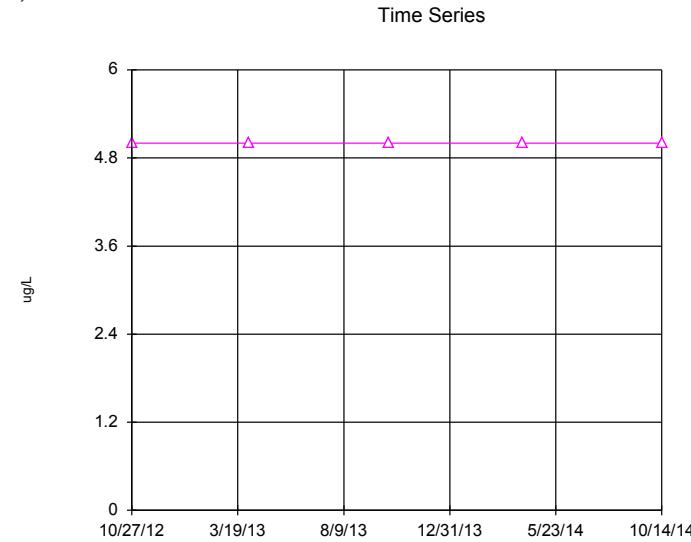
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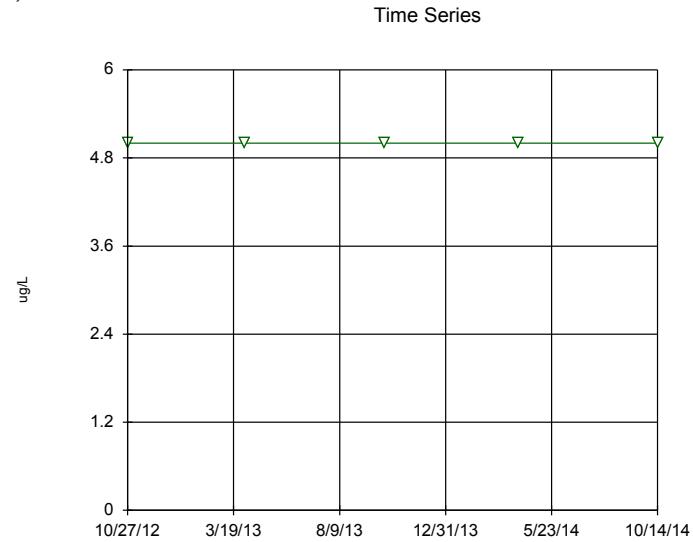
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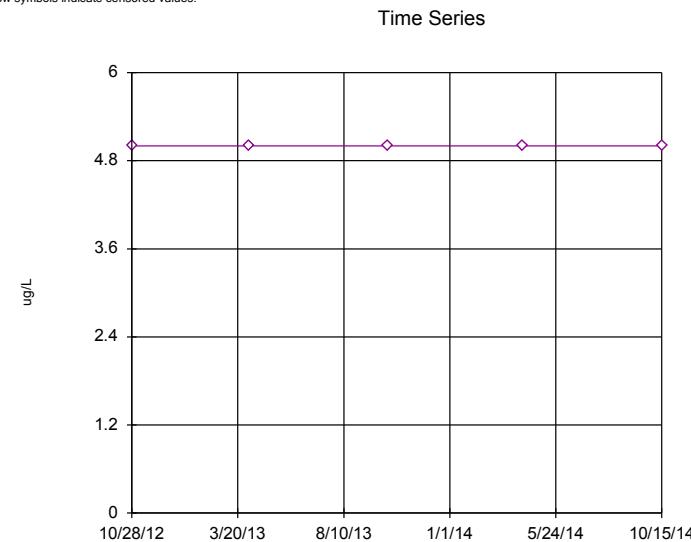
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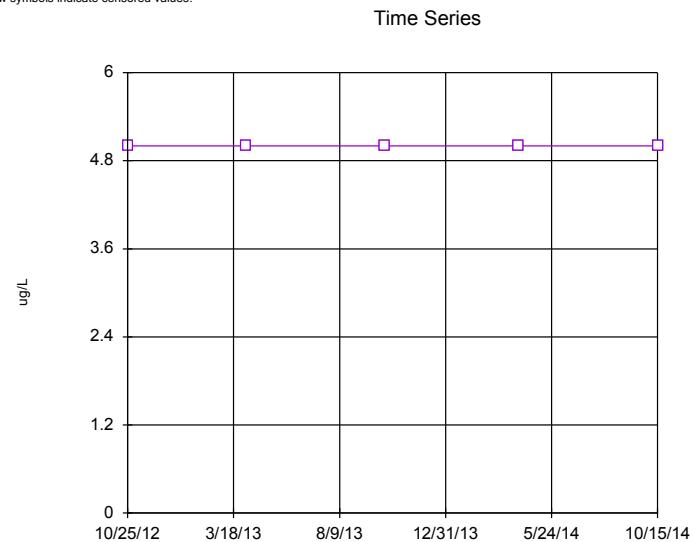
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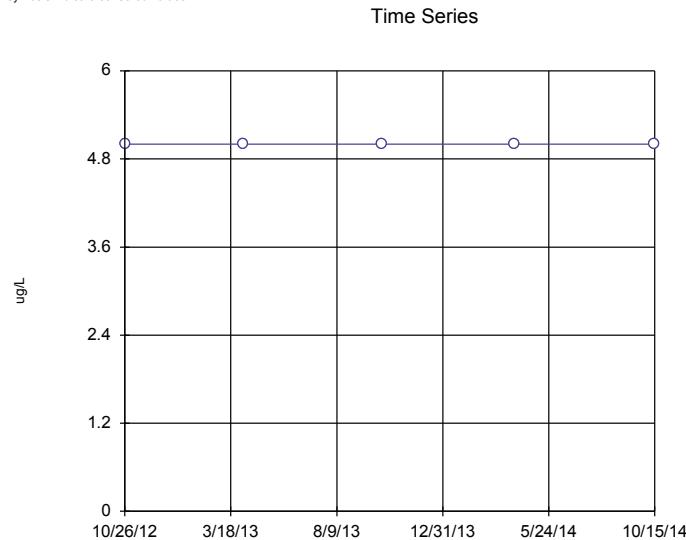
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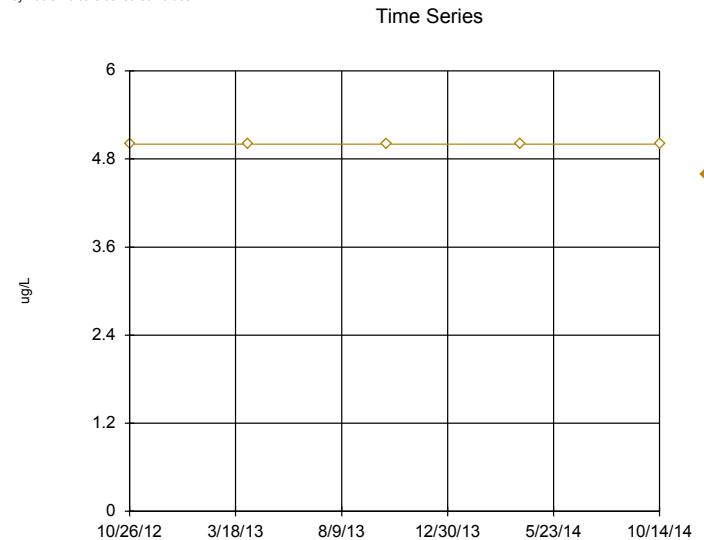
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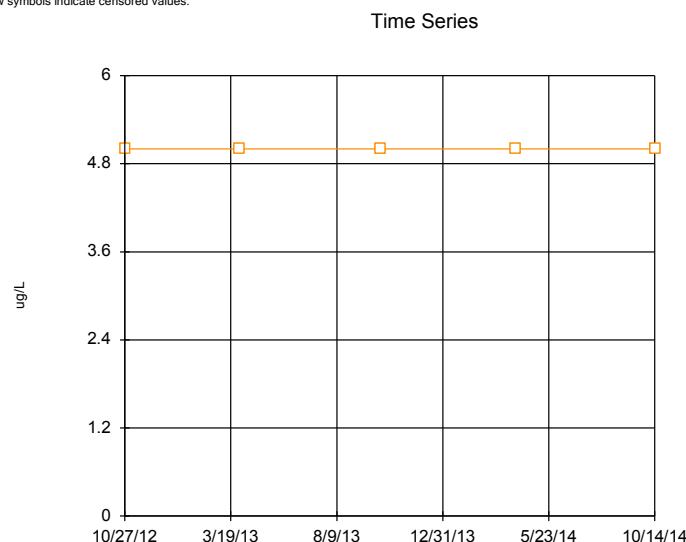
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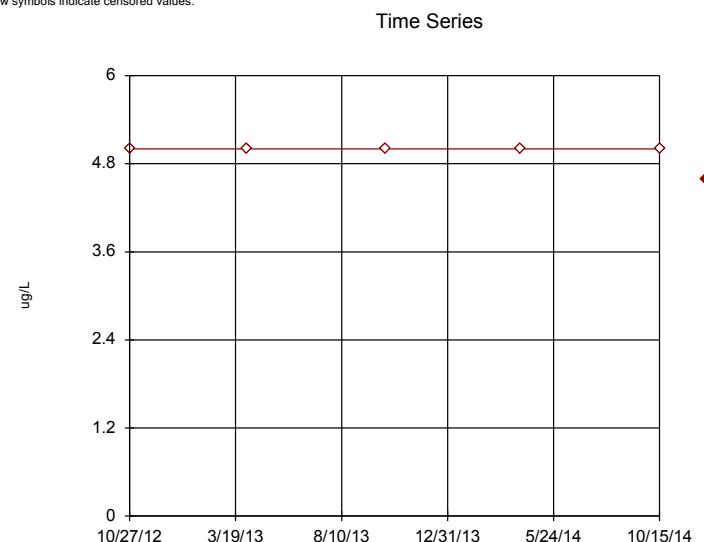
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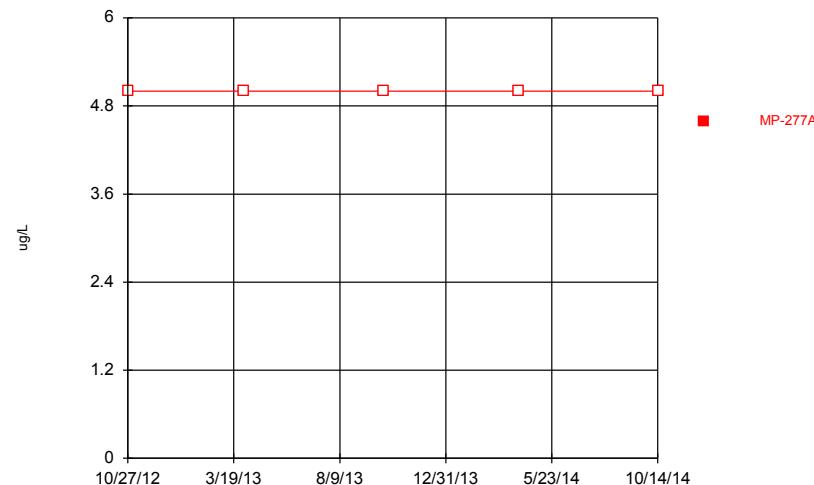
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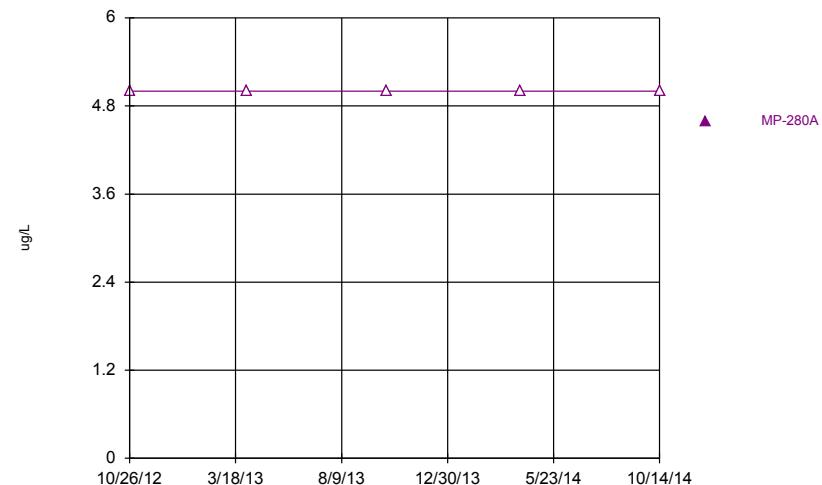
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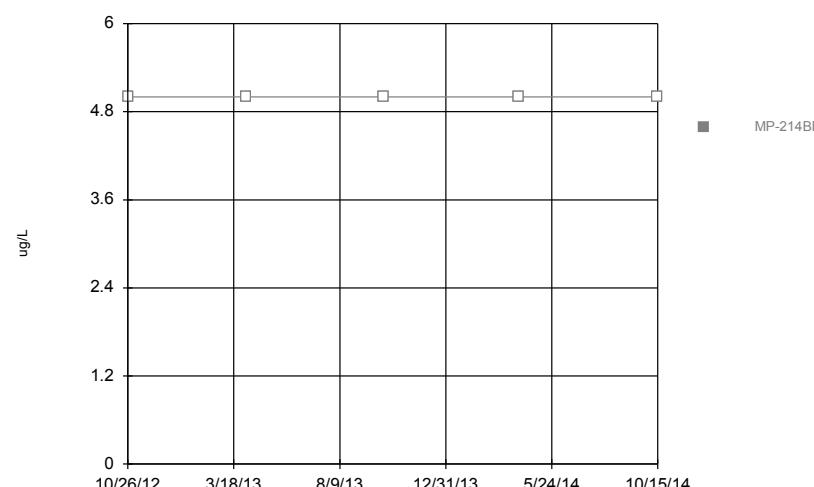
Time Series



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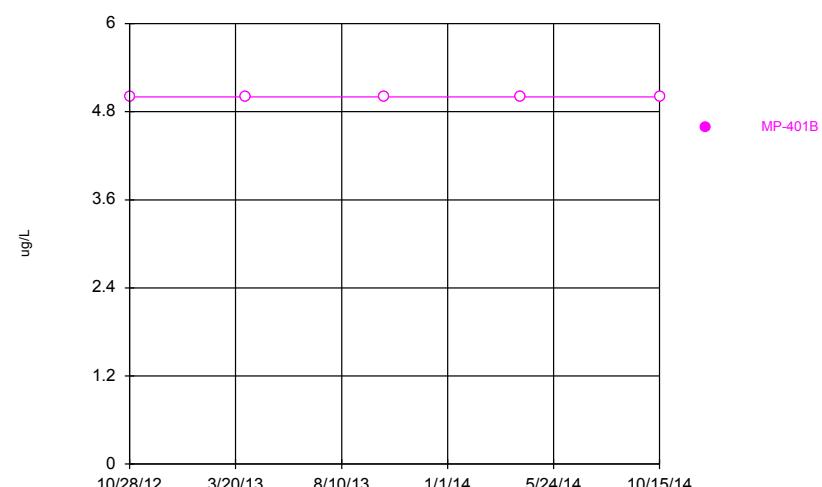
Time Series



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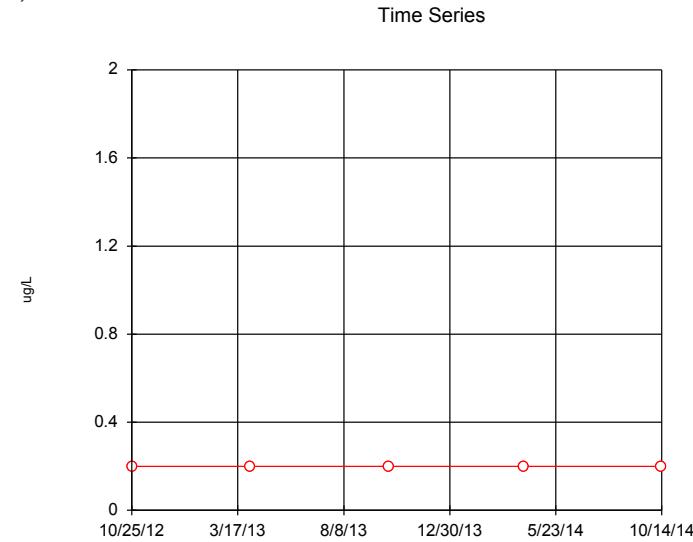
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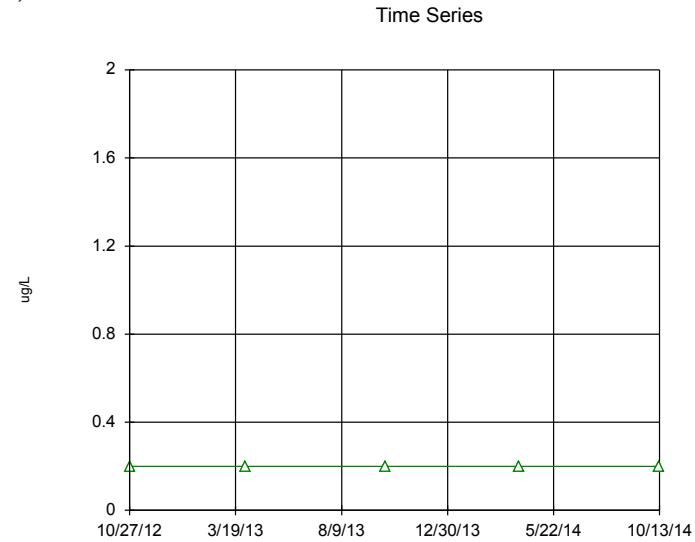
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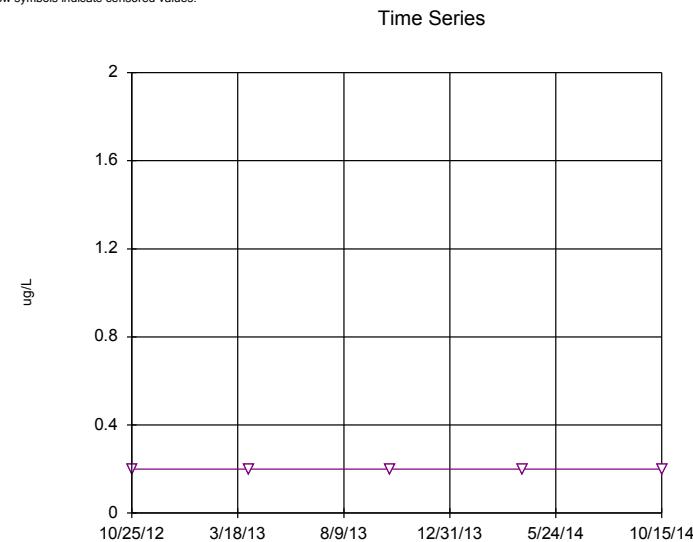
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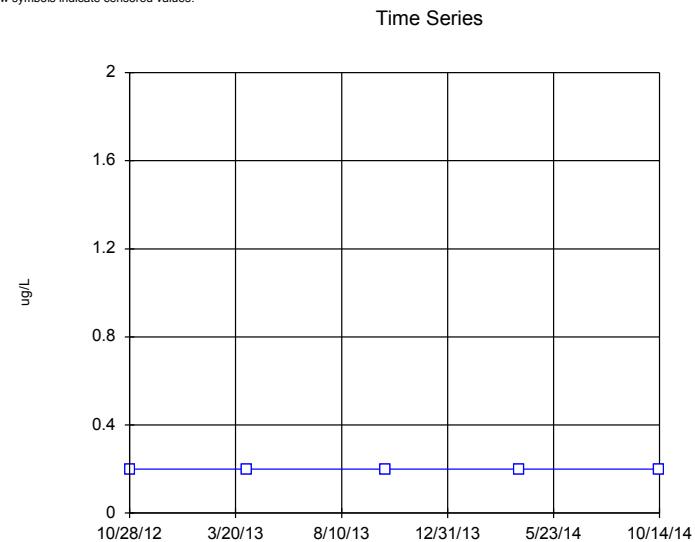
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Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

Sanitas™ v.9.5.08 For the statistical analyses of ground water by Eagon Associates only. UG
Hollow symbols indicate censored values.



Constituent: Mercury Dissolved Analysis Run 12/18/2014 11:21 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

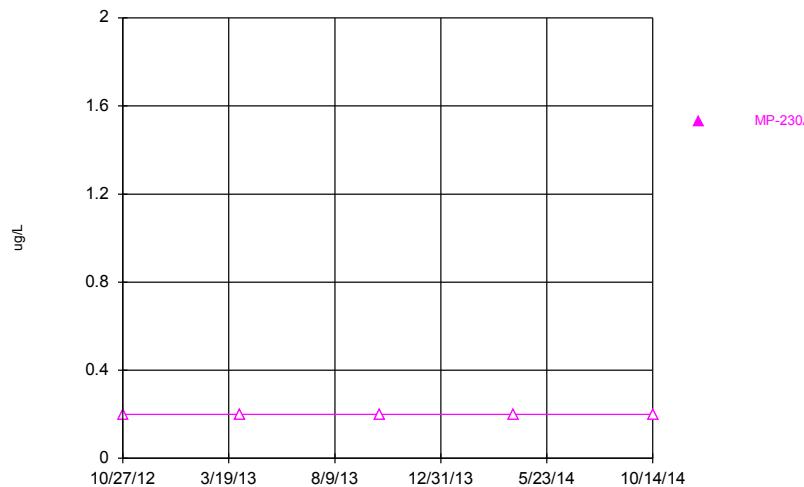
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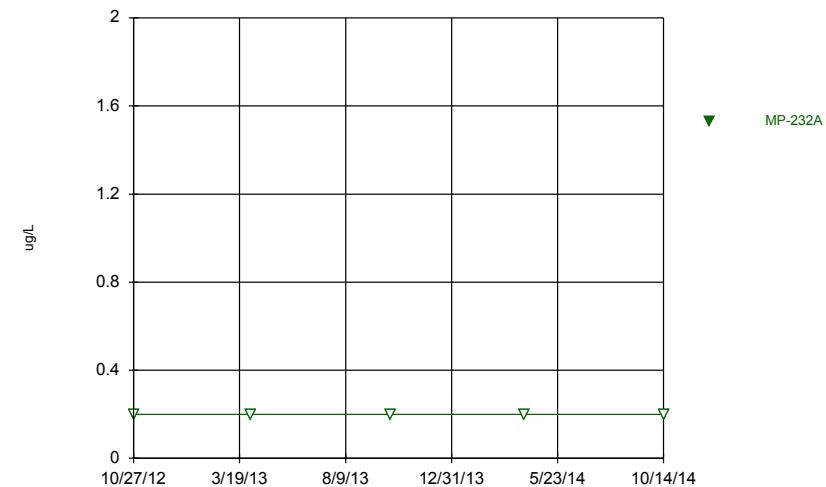
Time Series



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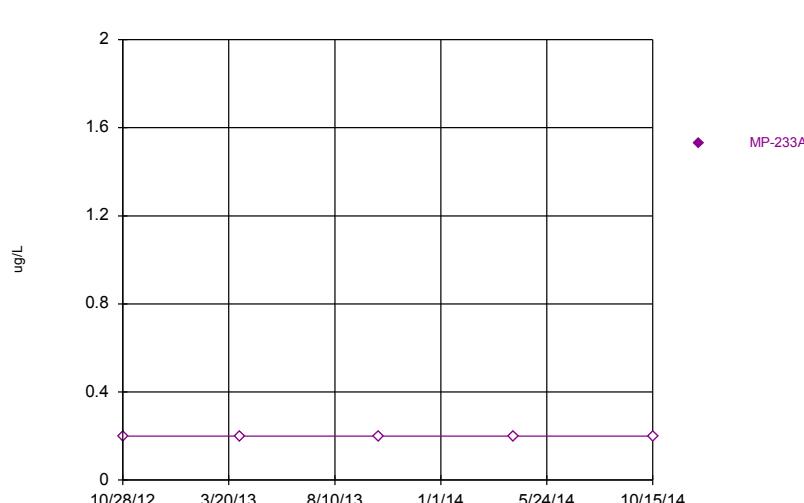
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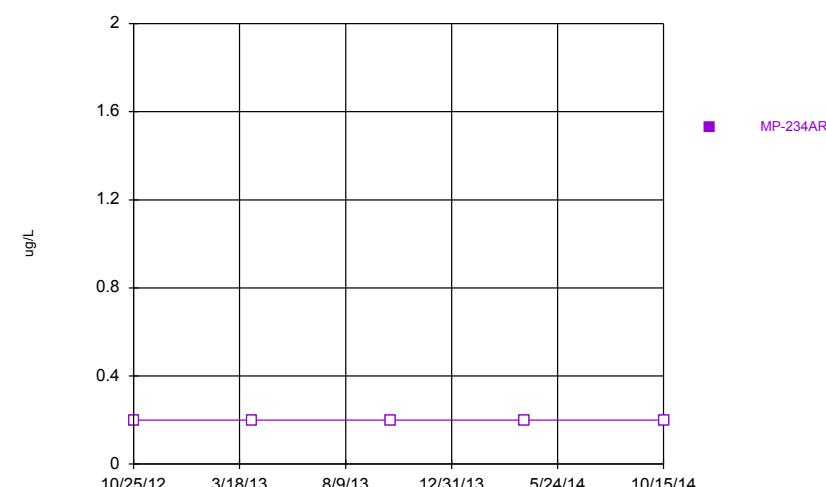
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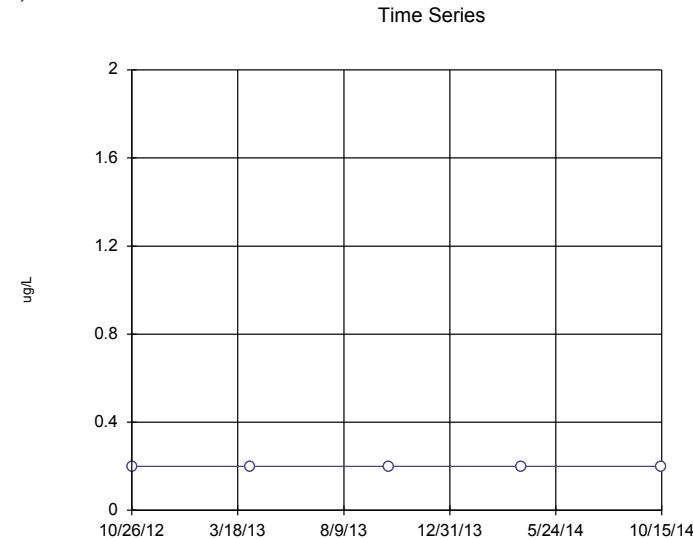
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Time Series



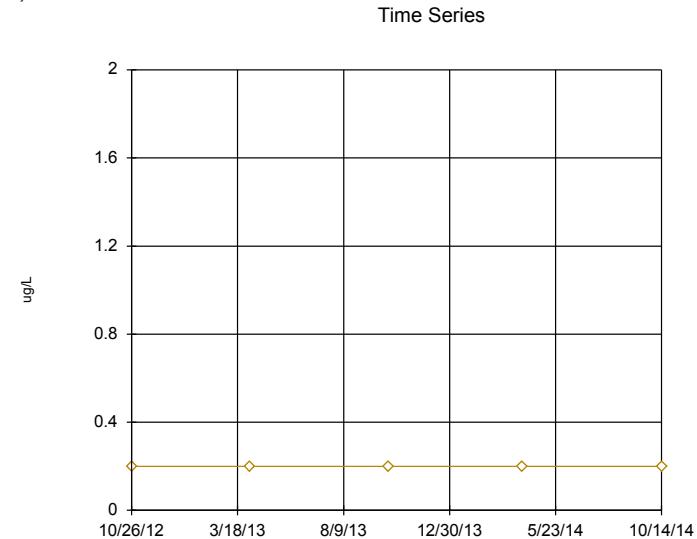
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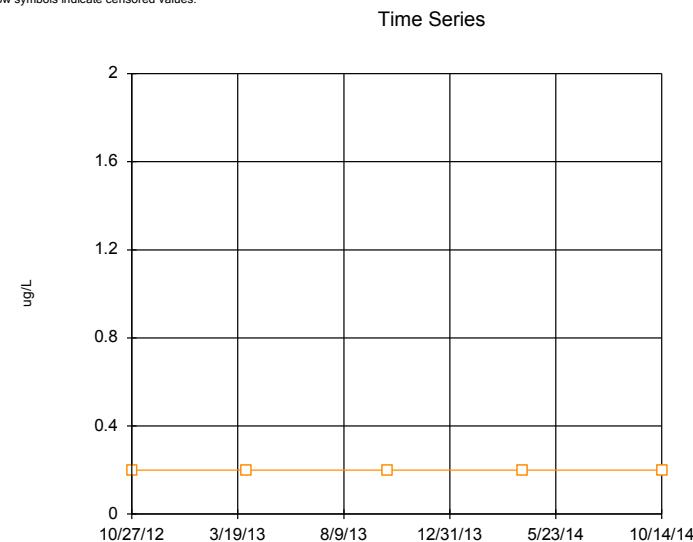
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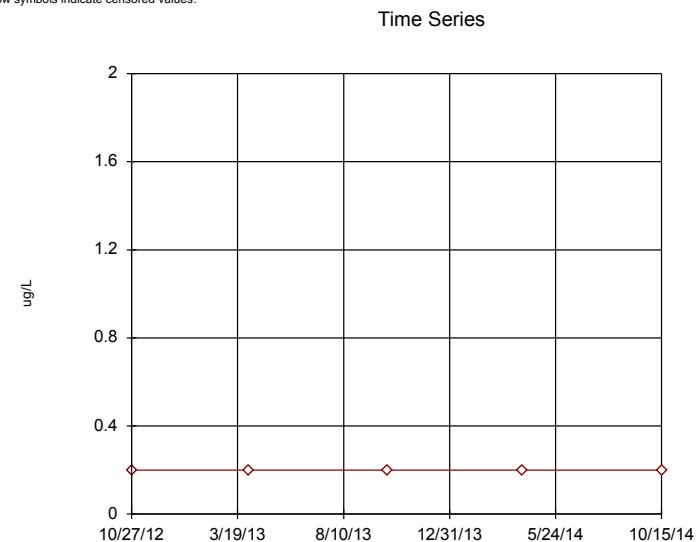
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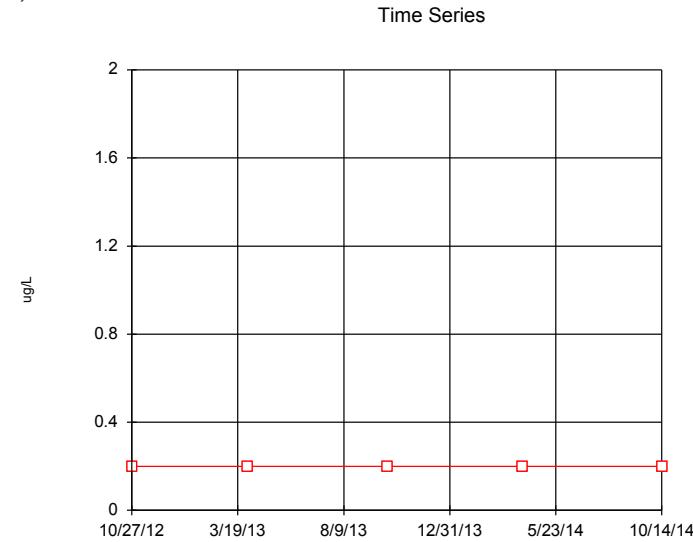
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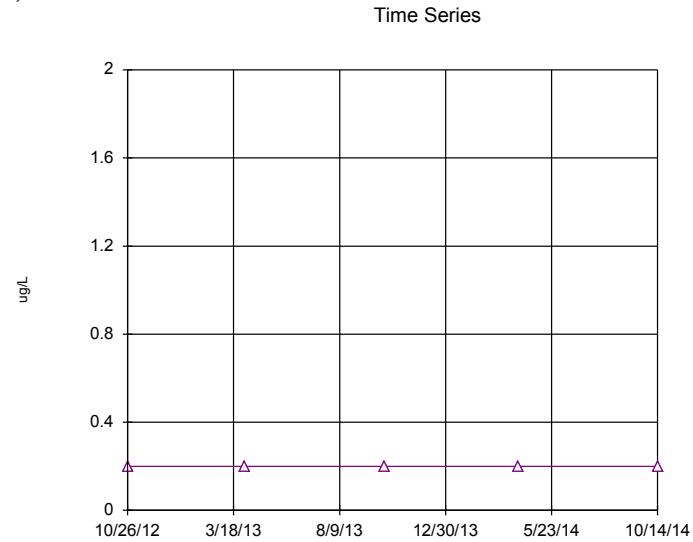
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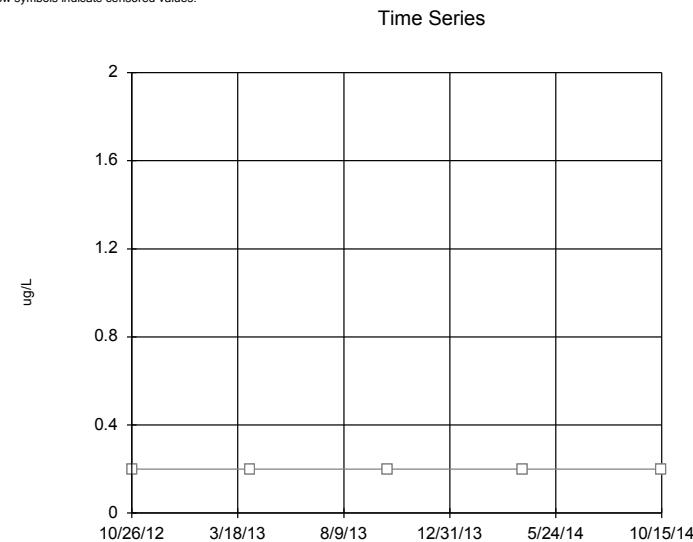
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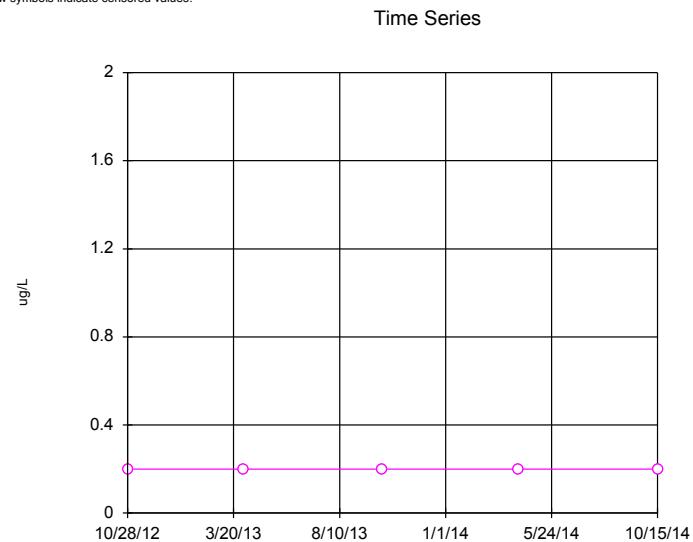
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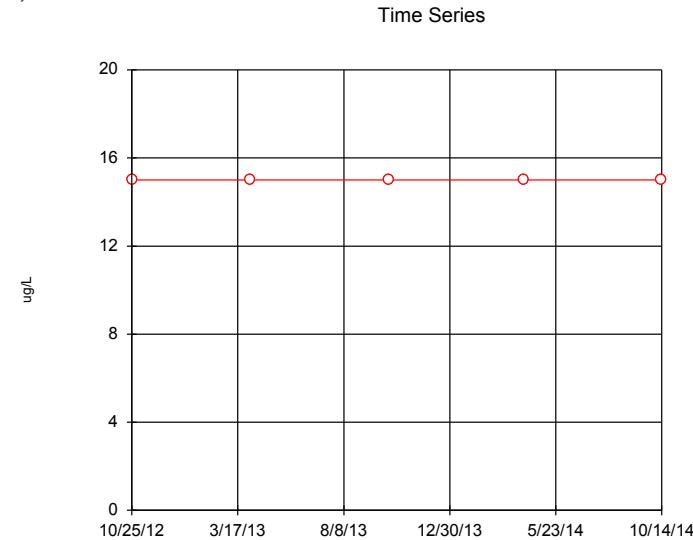
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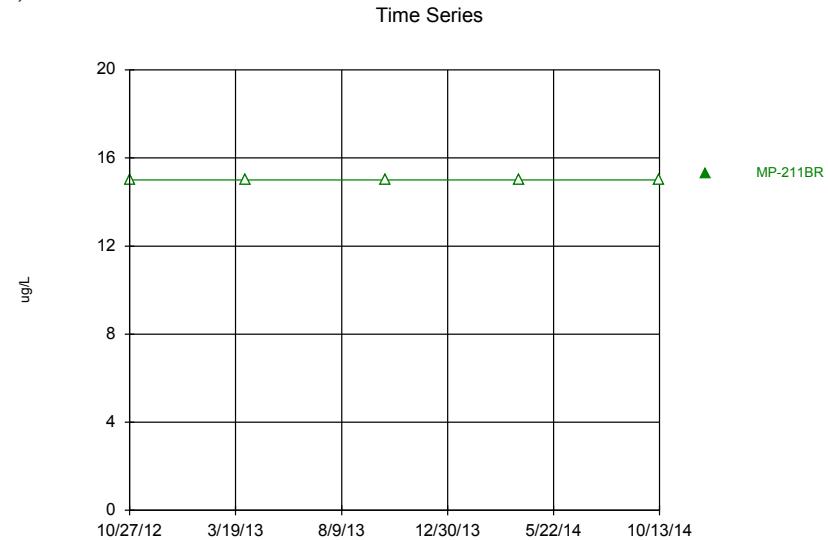
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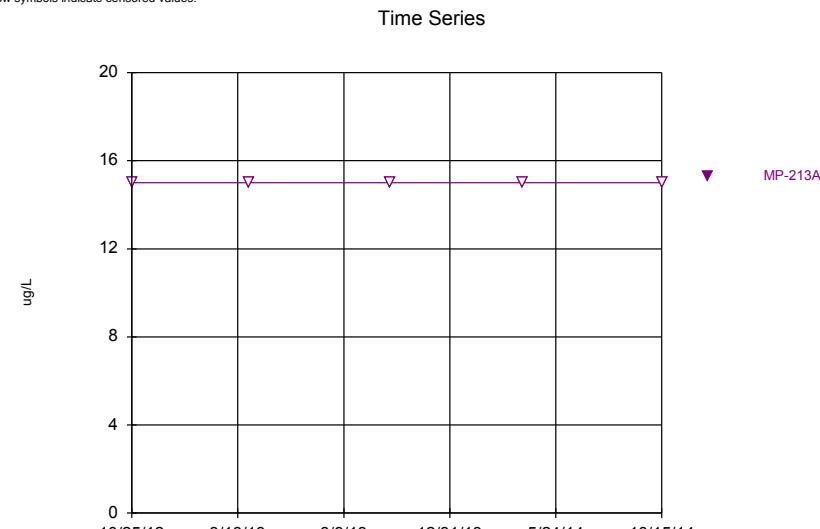
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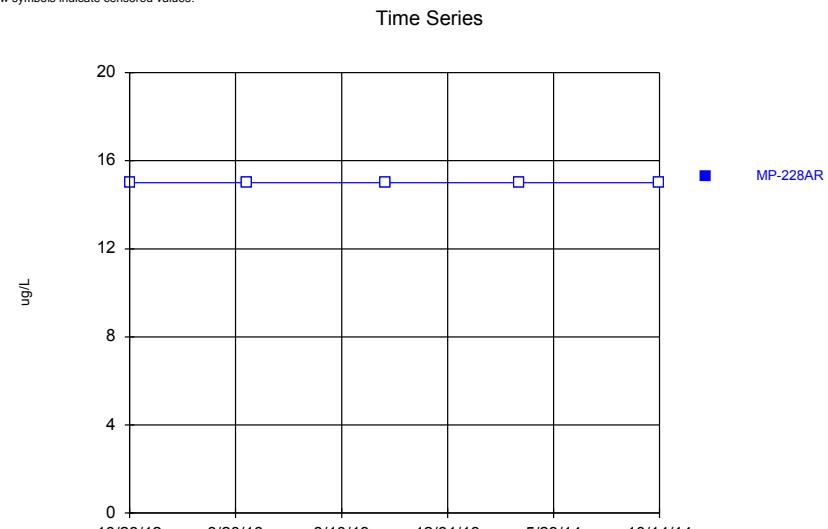
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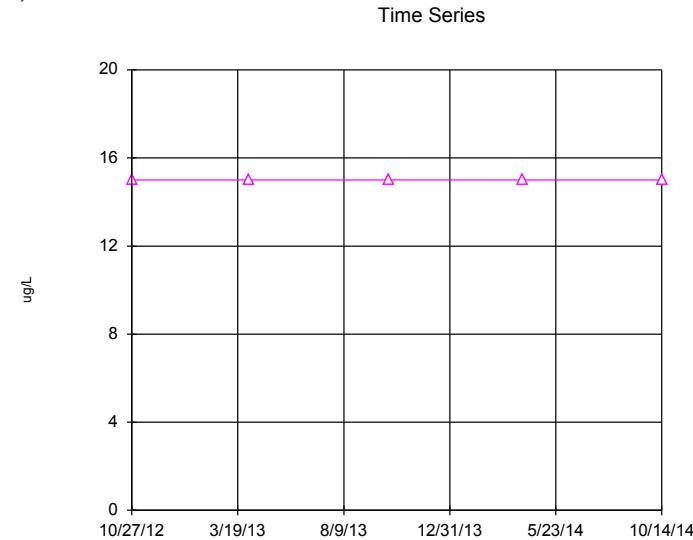
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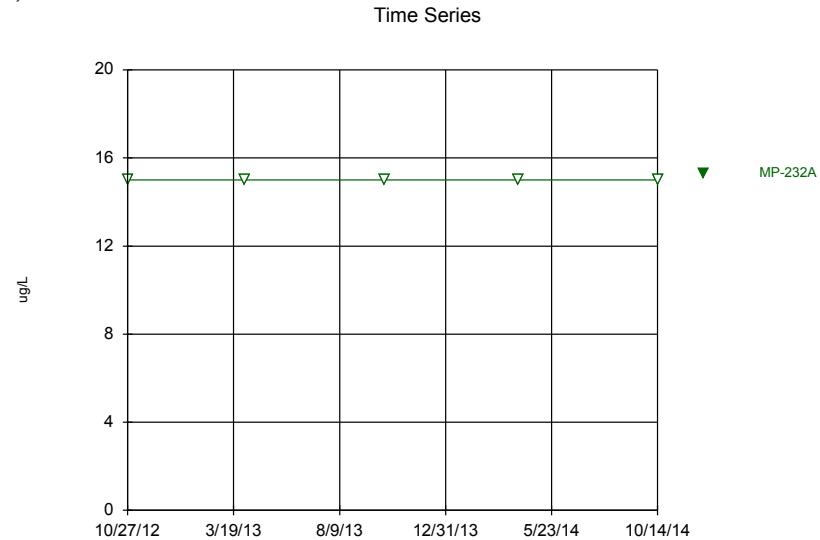
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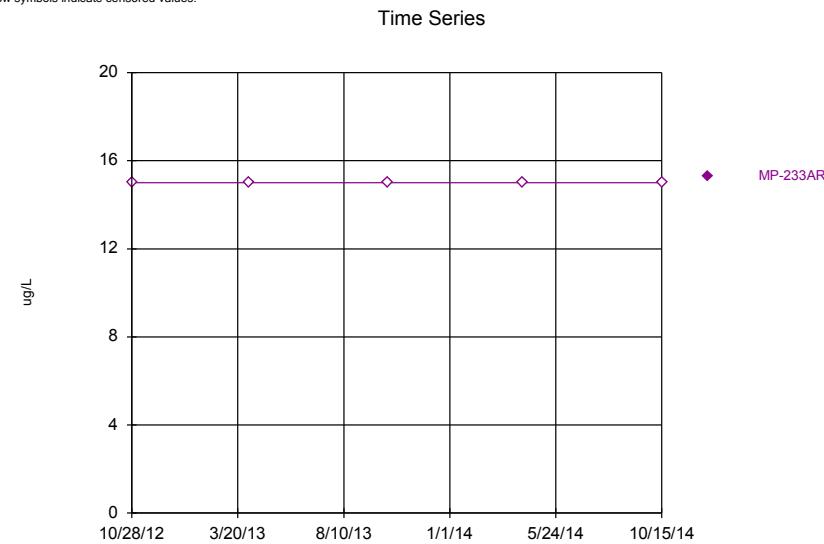
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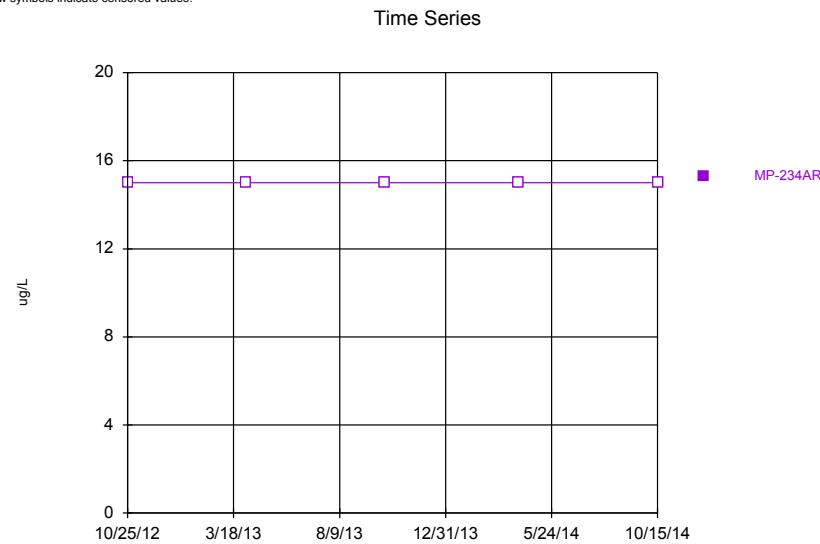
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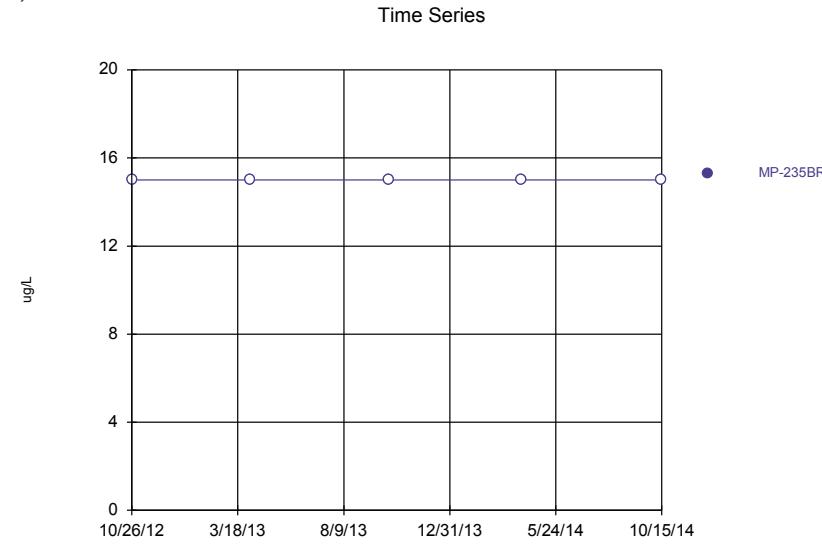
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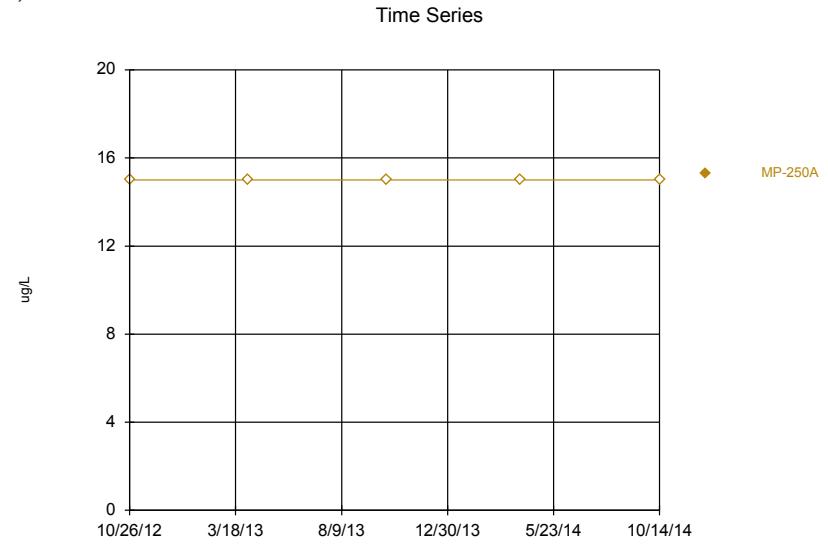


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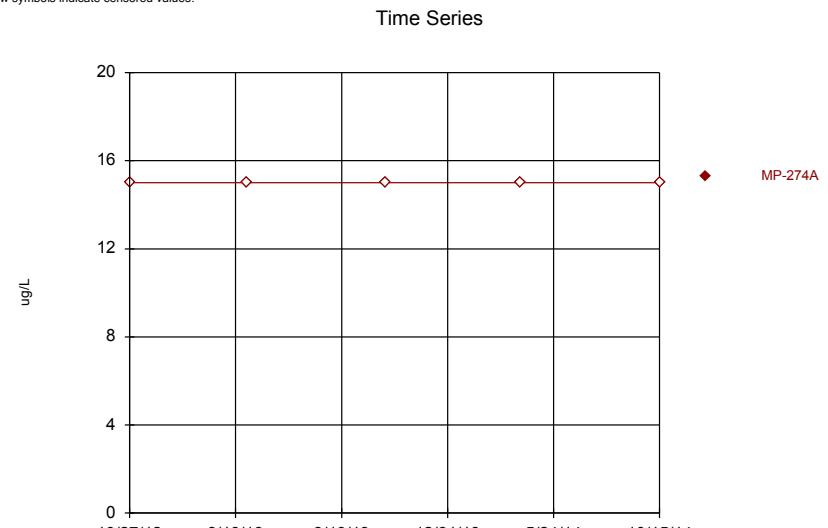
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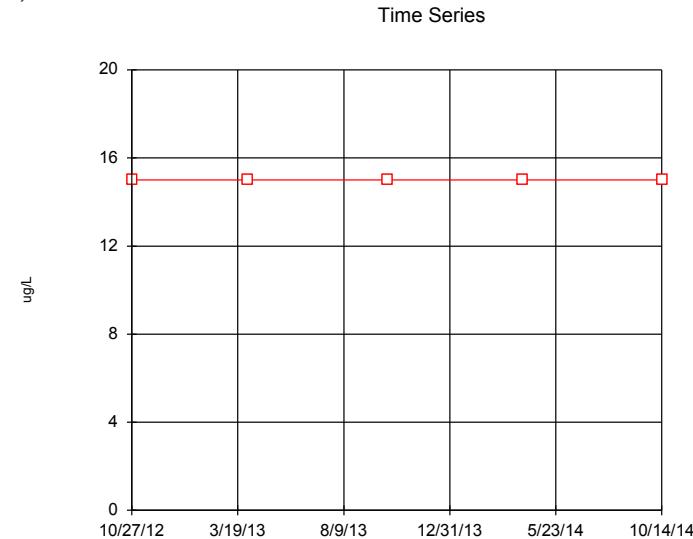
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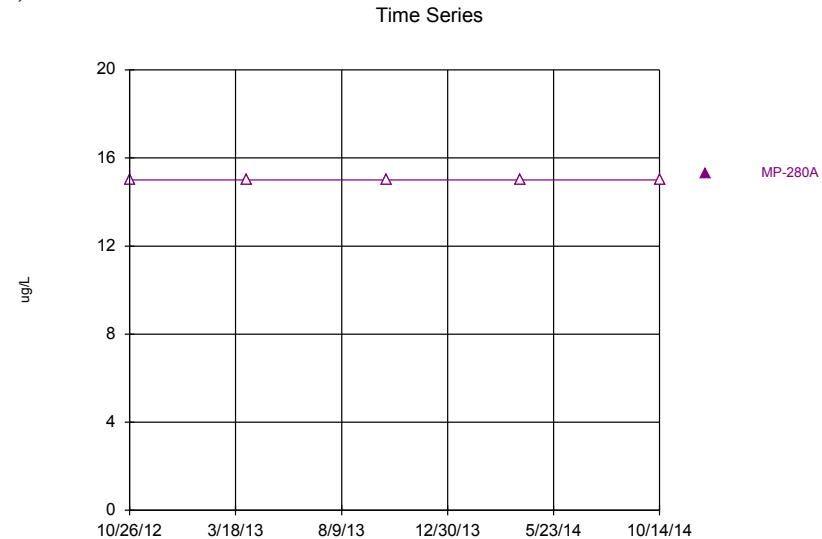
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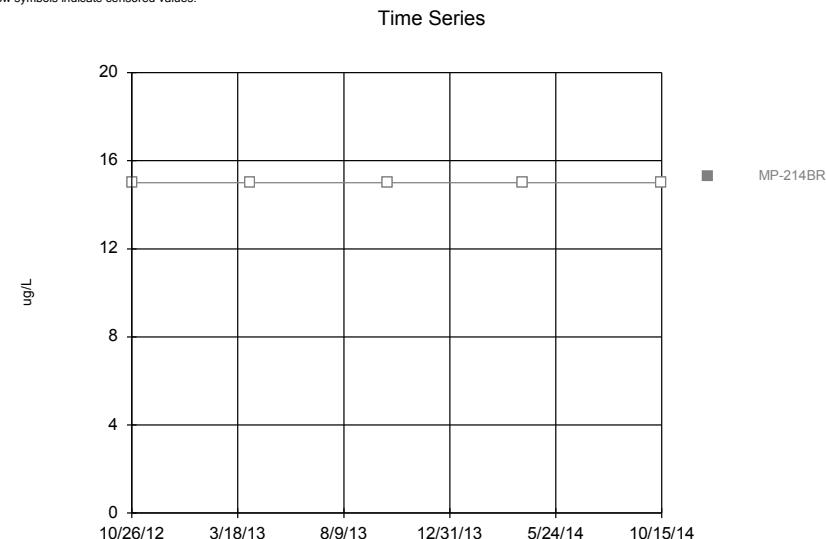
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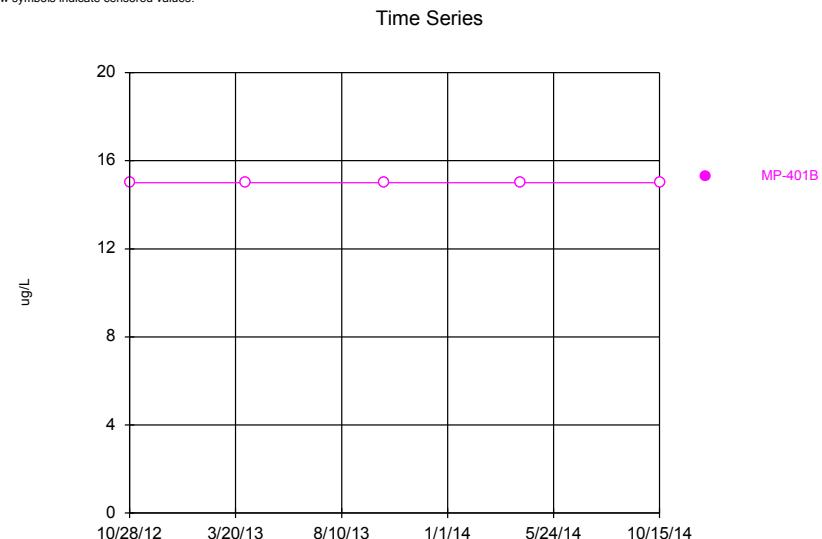
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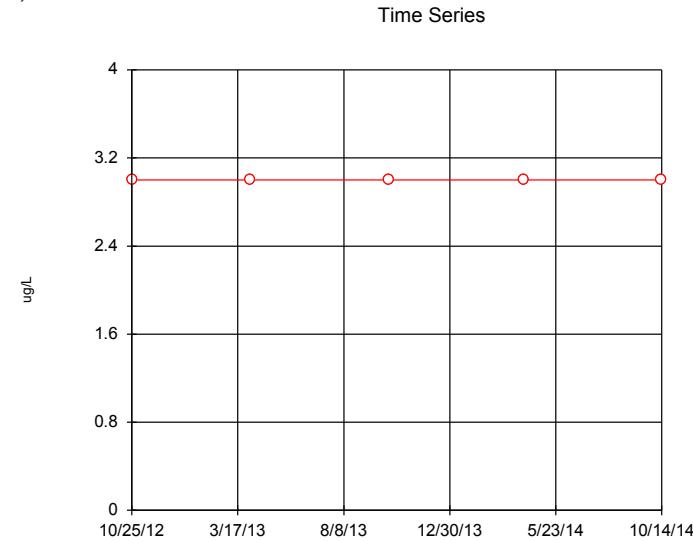
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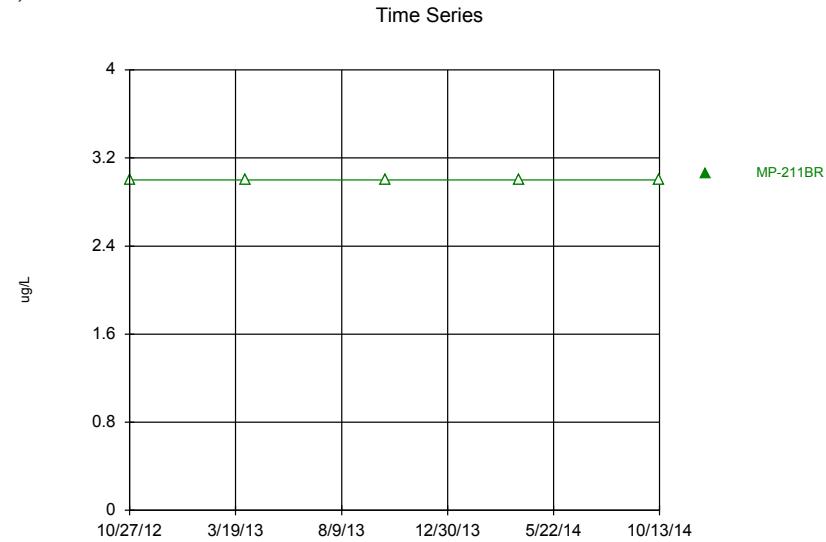


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Constituent: Silver Dissolved Analysis Run 12/18/2014 11:21 AM View: Time Series
Aber Road Landfill Client: Aber Road Landfill Data: Aber Road - 880

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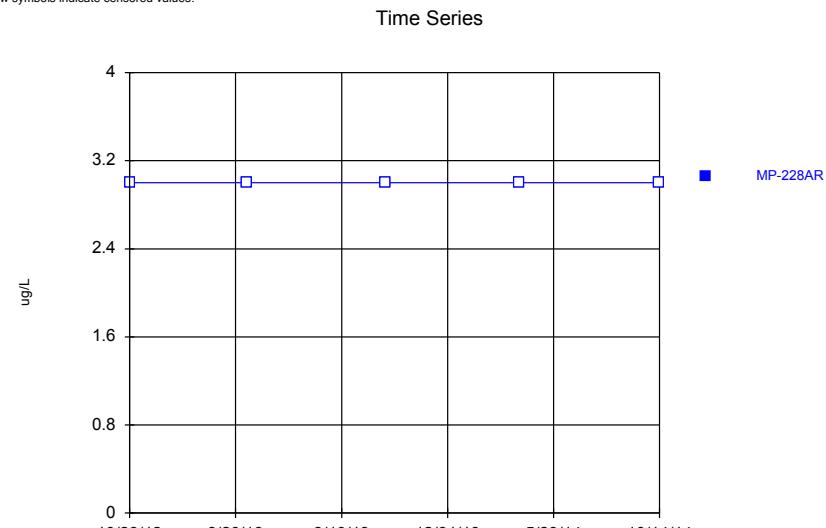
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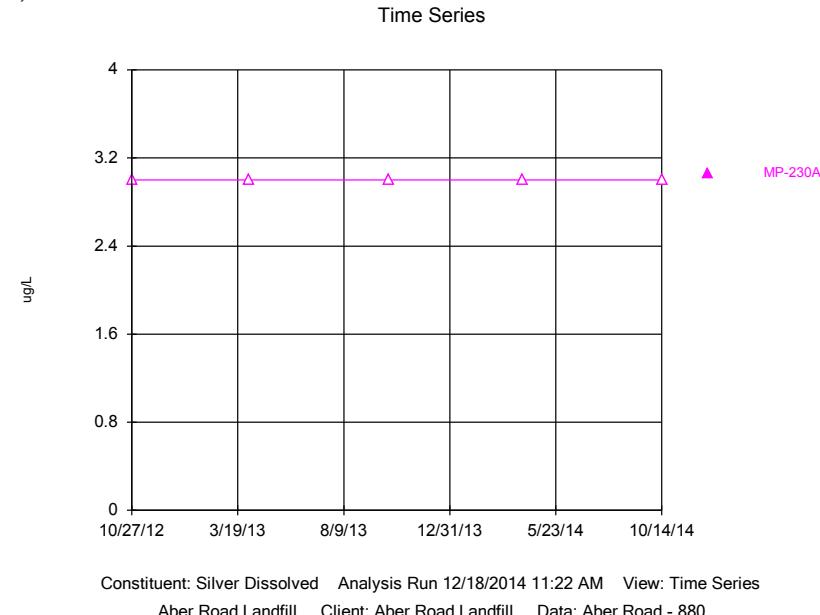
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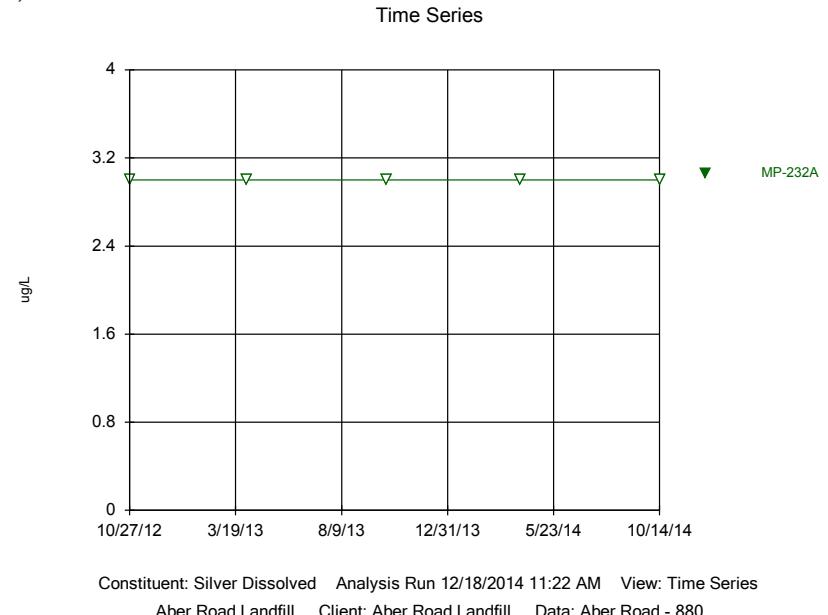


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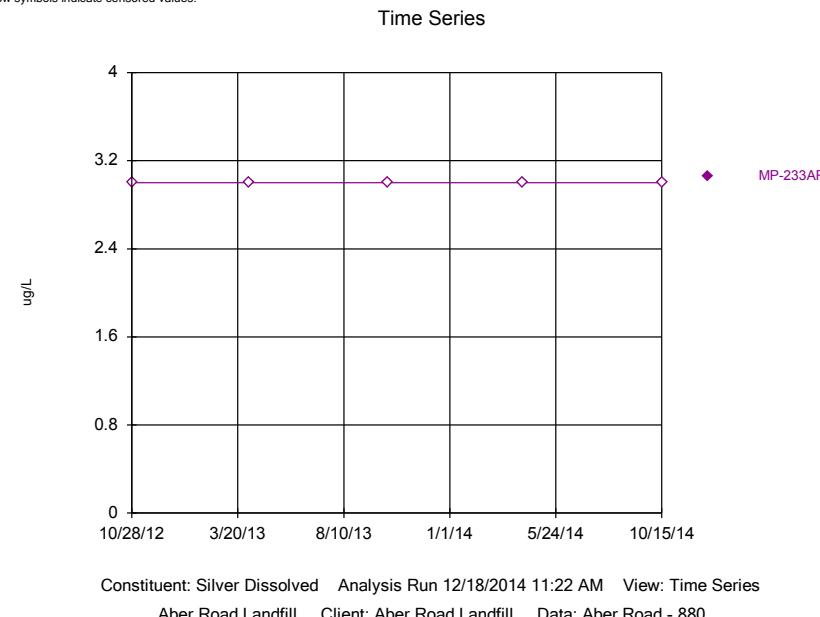
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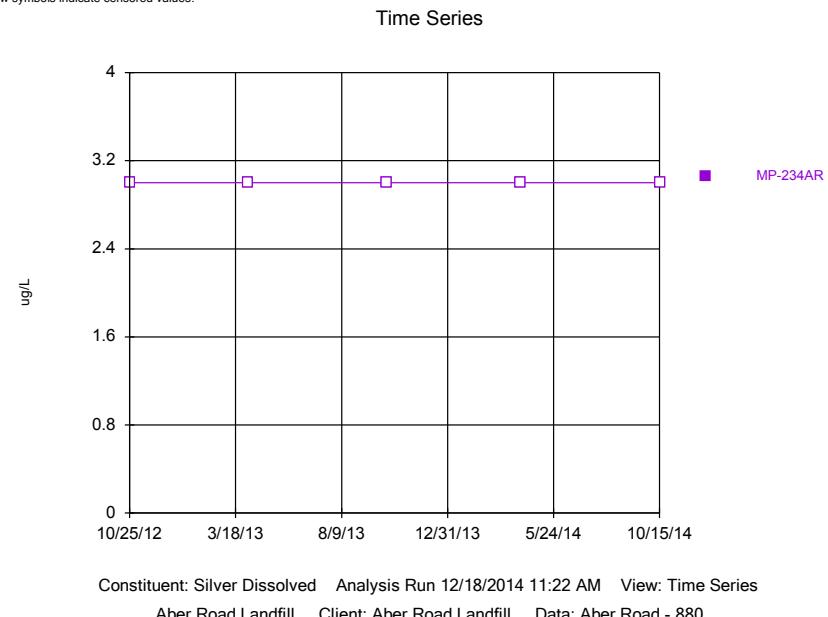
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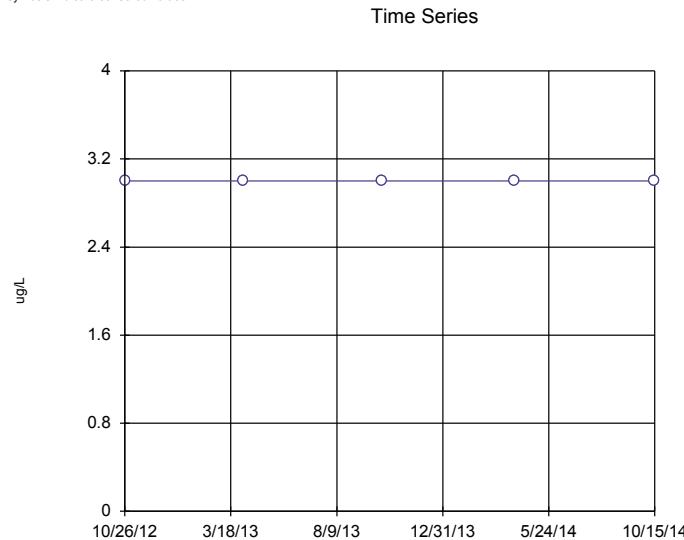
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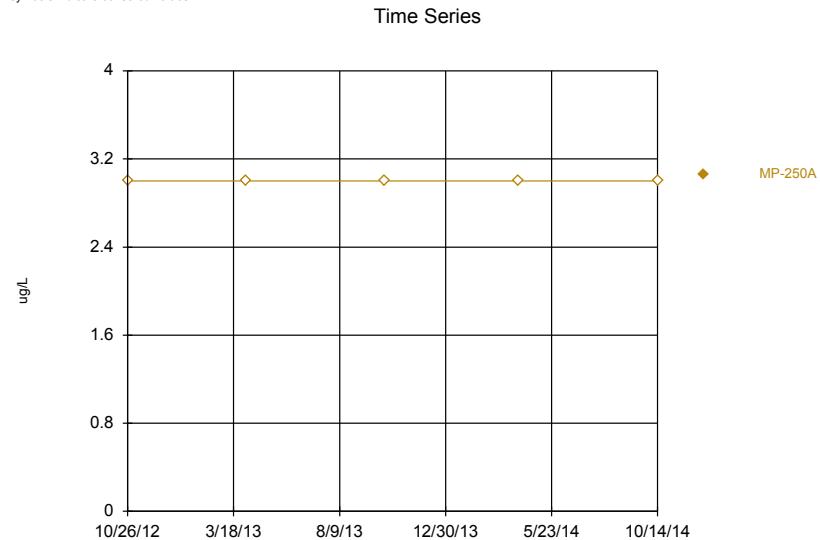


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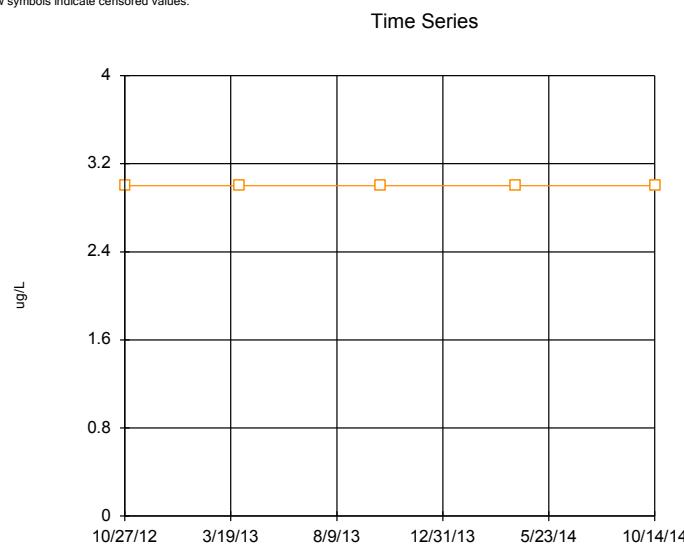
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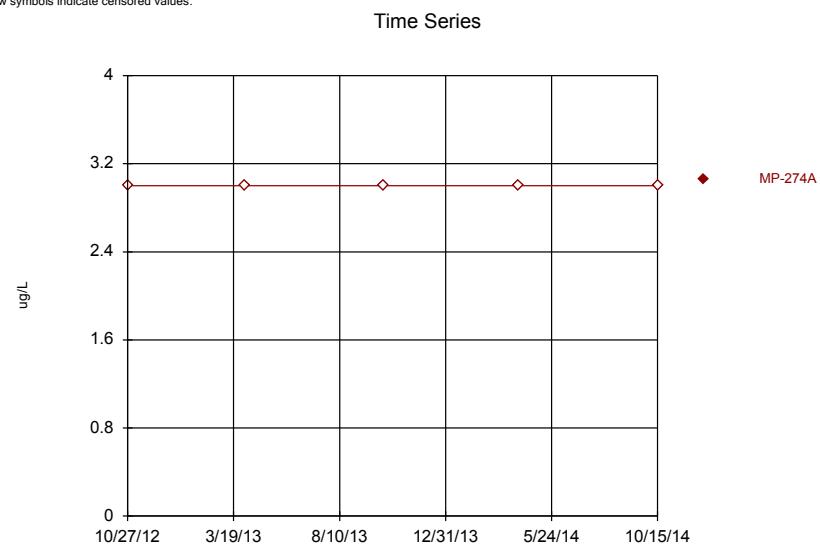
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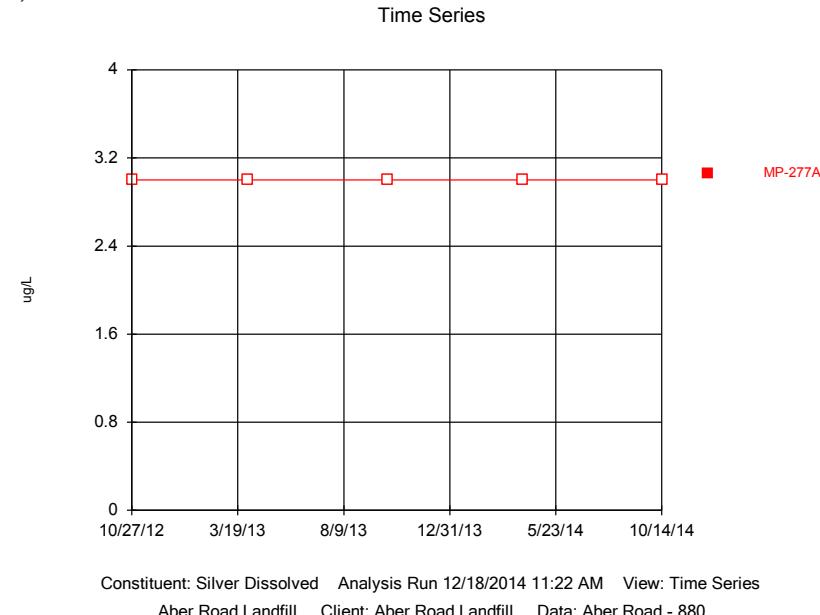
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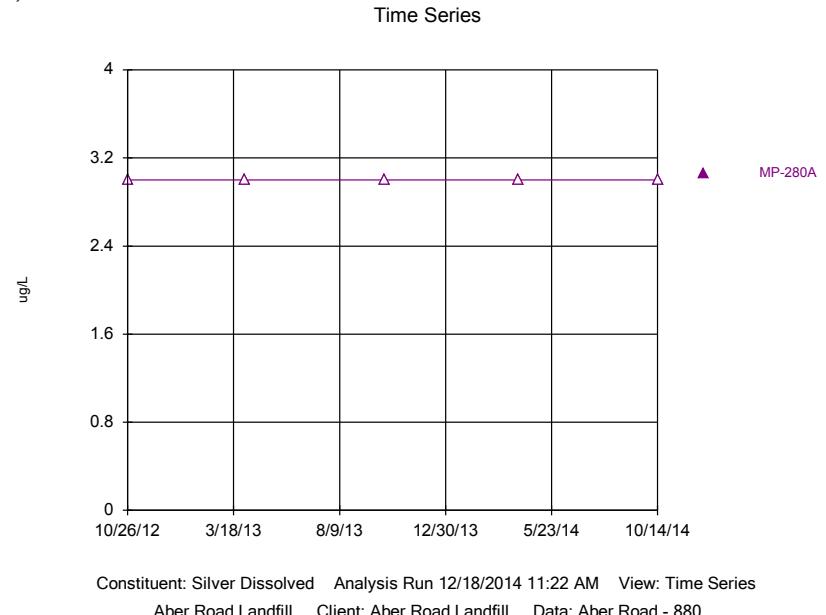


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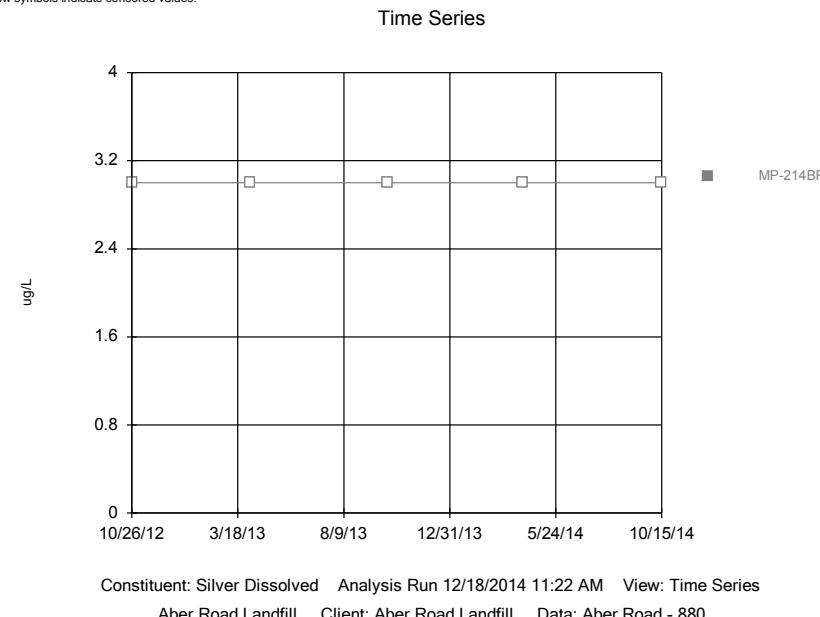
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